# SAP ABAP / MDG Consultant

## Candidate abbrev. name: J.V.

## Professional Summary:

- **19+ years** of Technical experience in design, development and implementation of business applications.
- **18+ years** of strong experience in **SAP ABAP/4 Techno-Functional [Interface, Reports, SAP Script, Dialog Programming and User Exits].**
- Strong exposures to functional areas like **MDG-S (Supplier Governance)** and **MDG-M (Material Governance),** Sales and Distribution **(SD)**, Material Management **(MM)**, Inventory Management **(IM)**, Warehouse Management **(WM)**, Logistics Execution System **(LES),** Production Planning **(PP),** Quality Management **(QM)**, Plant Maintenance **(PM),** Project System **(PS),** Human Resources **(HR)**, Service Management (**SM**), Supplier Relationship Management (**SRM**), Master Data Management system **(MDM)** Asset Management **(AM)**, Asset Accounting **(FI-AA), Profitability Analysis (CO-PA)** Financial Accounting & Controlling **(FI/CO),** Collections and Disbursements **(FS-CD)** and Reinsurance Management **(FS-RI).**
- Expertise includes ABAP/4 coding and development of new objects in **ALE/IDoc/EDI/RFC/BAPI/EAI (Enterprise Application Integration), Data Migration, BADI, Classical Reporting, ALV, Object-Oriented Programming (OOP), User enhancements, SAP Scripts, SMARTFORMS, Workflow, LIMS, BDC, Dialog Programming, ABAP Query, Data Dictionary, User Exits, RF (Radio Frequency) Console, Custom Objects such as Z-Tables, match codes etc and Special tools like Menu Painter Screen/Menu Painter GR Automotive (BORGR) and LSMW.**
- **FRICEW** Development (**F** - Forms - smart forms / SAPscript, **R** - Reports classical / ALV, **I** – Interface, **C** - Conversion,     **E** - Enhancements User-Exits / BADIs**, W** - Work Flow for business process).
- **IS Retail – Implementation.**
- **Used Crossworlds (4.4.X), BizTalk, Mercator and Gentran as** Interface Engine.
- **GAP Analysis between SAP R/3 and Informatica.**
- Used **LSMW** and **CATT** to transfer data from Legacy to SAP using BAPI, Session Method, BDC Call Transaction and Direct Input Methods.
- Configured Message type of **810** (Invoice), **820** (Payment Order/Remittance Advice), **824** (ZAACKN - ASN Application Acknowledgement), **830** (DELINS - Delivery schedule/JIT schedule), **850** Purchase Order, **855** (Purchase Order Acknowledgment), **856** Shipment Notice/Manifest for **ALE/IDoc/EDI**.
- Used **GR Automotive (BORGR)** for Goods Receipt.
- Used **Newmerix Automate Change Version 5.0.61216** to manage the transport requests.
- Experience in **Sarbanes-Oxley (SOX) controls** evaluation.
- Experience in **GxP** - **Good Manufacturing Practice** (**GMP**).
- Experience in all **RICEFW** elements.
- Used **ZebraDesigner™ Label Design Software** to design the **Barcode label**.
- Used **Intermec LabelShop Pro 6.0 Software** to design the **Barcode label**.
- Used **Symbol LS3408ER handheld scanner to test the Barcode label** (**RF (Radio Frequency)).**
- Used Messaging System **MQ- Series.**
- Experience in **SAP ABAP Web Dynpro**, **JAVA Web Dynpro** and **SAP Adobe Forms** development.
- Experience in **SAP Enterprise Portal 6.0**.
- Experience in **iViews**.
- Experience in **Print Workbench (PWB).**
- Experience in **Adobe LiveCycle Designer ES (8.2)**
- Experience in **Adobe Flex Builder 3.**
- Legacy Integration – JD Edwards
- Experience in **BODS (Business Objects Data Services 4.0) / BODI (Business Objects Data Integrator).**
- Experience in **PROS** Pricing Solution Suite (**PPSS**)
- Experience in **PP-PI sheet.**
- Experience in **SAP NetWeaver XI 3.0 (Exchange Infrastructure 3.0)**
- Experience in **SAP NetWeaver PI 7.0/7.1 (Process Integration 7.0/7.1/7.2)**

- Expertise in configuring IDoc, File, RFC, HTTP, JDBC, SOAP Adapters (Web Services to split messages), Collaboration profile, Logical Routing and collaboration agreements using integration directory.
- Design BPM (Integration process steps of Receive, Send, transformation, Receiver Determination, Block, Loop, Fork, Switch, Control, Container, Wait, Correlation, Context, Exception Branch, Trigger and Alert) for multi step scenarios, error handling and error reprocessing.
- Experience in **upgrade projects from 4.6c to ECC 5.0 and ECC 5.0 to ECC 6.0 (Technical Upgrade)**.
- Experience in **upgrade projects from PI 7.0 to PI 7.1**.
- Experience in **Supply Chain Management (SCM) / Advanced Planning & Optimization (APO)**.
- Experience in **SAP EWM (Extended Warehouse Management)**.
- Experience in **Supplier Network Collaboration (SNC 7.0) / Inventory Collaboration Hub (ICH).**
- Experience in OGSD 7.0 (Oil & Gas Secondary Distribution), RFNO (Retail Fuel Network Operations), NORe (Network Operations Reporting) and NODe (Network Operations Desk).
- **Used Lotus Notes, Citrix server, Remedy ticket** server, VISIO Studio.
- Worked on **SAP R/3** Version **3.0d/3.1h/3.1i/4.5b/4.6b/4.6c/4.7/ECC 5.0/ ECC 6.0**
- Good Knowledge in **Business Information Warehouse (BW).**
- Good understanding of end-to-end process of **Purchase/Procure to Pay (P2P), Order-to-Cash (OTC)** and **indirect procurement process**.
- Good Knowledge in Sales and Operations Planning (**S&OP**), Demand Planning (**DP**) and Supply Network Planning (**SNP**).

## Technical Skills:

**SAP R/3**          IDoc/EDI/ALE/RFC/BAPI/EAI, BADI, ABAP Proxy's, Classical Reporting, ALV, Object-Oriented Programming, User enhancements, SAP Scripts, SMARTFORMS, BDC, Dialog Programming (Module pool programs), ABAP Query, Data Dictionary, User Exits, CMOD, SMOD, Menu Painter, Screen Painter, RF (Radio Frequency) Console, OSS notes, Workflow, LIMS**,** LSMW, and BW

**Operating Systems**     UNIX (Solaris, AIX, HP, SCO), MS-DOS, MS-WINDOWS 3.11/95/98/NT

**RDBMS**          ORACLE 7.1, 8, MS SQL Server, Ms Access and DB2

**RDBMS Tools**  SQL Plus, PL/SQL, Triggers

**Languages**          ABAP/4, C/C++, JAVA, HTML, XML, DHTML

**Application Server**     WebLogic, WebSphere, iPlanet, IIS, MTS, JWS, ITS, J2EE

**GUI**          Developer 2000, Visual Basic

**Messaging System**     MQ- Series

**EAI**          **SAP NetWeaver PI 7.0/7.1 (Process Integration 7.0/7.1),** Crossworlds (4.4.X), BizTalk, Mercator,

          Gentran, TIBCO

**Other tools/software**   **Adobe LiveCycle Designer ES (8.2), Adobe Acrobat 9 Pro,** DART, Web Studio, Visio Studio

          HPQC 10.00, WinRunner, Loadrunner, Astra Load Test, TestDirector, Informatica, GAMMA NetONE, Lotus Notes, iWAY, Citrix server, Remedy ticket server, Adobe Acrobat, PowerPoint

## Project Experience:

**Client: Marathon Petroleum Corporation (MPC)**                              **Findlay, OH**

**Role: Senior SAP MDG / ABAP/4 Consultant**                                          **Oct' 2013 – Till date**

**Functions: MDG, MM, WM, FI-CO, PI 7.1 and BODS 4.0**

**Version: MDG 6.0 / 7.0 / 8.0 / ECC 6.0 / SAP HANA**

**Client's type of industry: Oil and Gas**

**Project Name: SAP MDG Implementation and Support**

**Duties:**As a Senior SAP MDG / ABAP/4 Consultant involved in the MDG 6.0 / 7.0 / 8.0 implementation project towards the Development, Implementation, Testing, Solving various Issues and maintenance of MDG-S (Supplier Governance), MDG-M (Material Governance) modules and BODS 4.0.

- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, and Formulate and execute unit test plans for custom programs.
- Development, implementation and maintenance in the areas of systems analysis and programming, testing and database designs.
- FRICEW Development (F - Forms - smart forms / SAPscript, R - Reports classical / ALV, I – Interface, C - Conversion,       E - Enhancements User-Exits / BADIs, W - Work Flow for business process).
- Worked on OGSD 7.0 (Oil & Gas Secondary Distribution), RFNO (Retail Fuel Network Operations), NORe (Network Operations Reporting) and NODe (Network Operations Desk).

**MDG 6.0 implementation:**

- Development and implementation of **MDG-S (Supplier Governance)** and **MDG-M (Material Governance)**.
- MDGIMG Configurations for Material and Supplier.
- BRF+ Configurations for Material create approval process.
- Configurations for DRF (Data Replication Framework), FPM (Floorplan Manager) for Webdynpro ABAP.
- Workflow Development of Create Supplier, Change Supplier, Block/Unblock Supplier and Deactivation Supplier (Object type BUS2250 - MDG Change Request).
- Workflow Development of Create Material, Change Material, Extend Material and Material Mark for Deletion.
- Created custom UI screen by using UI Modeling and custom change request type by using Process Modeling and Configuration Workbench.
- BAdi implementation for Adding Custom Segment ZAVM_LFA1M1 and Mandate the fields required for VMW01.
- Created custom ALV report for Vendor Change request details (ABAP program).
- MDG Enhancements for Material Mandate Class, Defaulting Industry Sector.
- MDG Enhancements for Supplier Bank data validation, Mask Tax and Bank Numbers.
- Worked in DIF (Data Import Framework for Material) to load material into MDG.
- Supported during UAT (User Acceptance Testing) and SIT (System Integration Testing).
- Worked on ESO/CLM Project to integrate ESO/CLM system, MDG, SAP PI and ECC.
- Created TREX - Custom Material Search (BUS1001006) - Fuzzy Search in ECC.

**MDG Upgrade project - MDG 6.0 to MDG 7.0:**

- Worked with SAP Basis Team to fix the issue in SPAD, SPAU, SPAU_ENH and SAP OSS Notes implementation.
- Worked with SAP Security Team on user's role design and authorization object.
- Created custom entity type, SMT mapping for Permitted Payee and MRP area.
- Added Permitted Payee section in Vendor UI and MRP area (MDMA) section in Material UI.
- MDG Enhancements of add Requestor Notification E-Mail field in Vendor and Material UI.
- MDGIMG Configurations changes for Material and Supplier.
- Workflow changes on Create Supplier, Change Supplier, Block/Unblock Supplier and Deactivation Supplier.
- Workflow changes on Create Material, Change Material, Extend Material and Material Mark for Deletion.

**MDG Upgrade project - MDG 7.0 to MDG 8.0 implementation:**

- Worked with SAP Basis Team to fix the issue in SPAD, SPAU, SPAU_ENH and SAP OSS Notes implementation.
- Changed extend Material and change Material UI.

**OGSD 7.0 - Oil & Gas Secondary Distribution / RFNO - Retail Fuel Network Operations:**

- Assigning Partners in OGSD / RFNO / Master Data/ Partners setup Messages, Calendar, Log Structure and Log Messages.
- Setup RFNO Objects, RFNO Roles, Validity, Partner objects in Customizing.
- Created custom enhancements for BP (Business Partners) validation in NODe (Network Operations Desk.
- Added custom fields in UI screen.
- Configuration of  Business Partners for Settlement.
- Worked on OGSD interfaces for data formatting.
- Worked on WEAT Interfaces, RN_WEAT, RN_WEAT_PC, RN_WEAT_MR and RN_WEAT_DR.
- Worked on PAT (Process Automation Toolset) framework to setup the user interface and field control.
- Created Query in NORe (Network Operations Reporting) and Configuration of  POWL.
- CSR (Continuous Station Replenishment), Define CSR Algorithm by using classes and methods, Define Bucket, Overlay, CSR Group, CSR Cockpit and CSR Post processing.
- worked on Create and Post Data Collation Document in PAT Data Collation.
- Data Collation Reporting for Storage Report, Report Analysis and Truck Quantity Analysis.

**Ariba Project:**

- Worked on Ariba Project to integrate Ariba, MDG, SAP PI and ECC.
- Worked with SAP PI Team to resolve SAP PI mapping issue.
- Working on Ariba – MDG Vendor General, Tax and BANK data deletion issue.

**Release 3 MDG Enhancements:**

- Worked on custom ALV report for MMR03 - Material Creation Report and MMR02 - Monitor Changes to Maximum Stock Level (ABAP program).
- MDG Related Party Enhancement and custom table creation.
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**Client: Bayer / Talecris / Grifols Biotherapeutics**                                    **Raleigh, NC**

**Role: Senior SAP/R3 ABAP/4 PI 7.1 Technical Lead Consultant**          **March' 2013 – Sept' 2013**

**Functions: MM, IM, WM, SD, QM, FI-CO, PI 7.1 and Business Objects Data Services 4.0**

**Version: ECC 6.0 [Oracle] [Linux]**

**Client's type of industry: Pharmaceutical - human health care (hhc)**

**Project Name: Sales Reengineering**

**Duties:** As a **Senior SAP/R3 ABAP/4 PI 7.1 Technical Lead Consultant** involved in the **Grifols Sales Reengineering** project towards the Development, Implementation, Testing, Solving various Issues and maintenance of SAP R/3 SD, MM, IM, WM and FI-CO modules.

- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, and Formulate and execute unit test plans for custom programs.
- Development, implementation and maintenance in the areas of systems analysis and programming, testing and database designs.
- Development and implementation of Finish Product Available Stock List (ABAP Program) outbound interface from SAP (USA) to SAP (Spain) through PI (**PORDCR1.PORDCR101** and **BATMAS.BATMAS03**).
- Inbound Interface from SAP (Spain) to SAP (USA) Create Sales Order (**ORDERS.ORDERS05**) through ALE (850).
- Order-to-Cash (**OTC**) and Procure to Pay (**P2P**).
- Outbound Interface from SAP (USA) to SAP (Spain) Outbound Delivery Info (**SHPCON.DELVRY03**) through ALE (856).
- Outbound Interface: **SAP control recipes** data (Process Order header and **BOM** details) (**PP-PI sheet**) and IDoc will be send to the **ParCS** system through **SAP XI (PP)**.

- Worked on EDI (**Ansi X12 and B2B**) Message type of **810** (Invoice), **820** (REMADV / PEXER2002 / REMA -Payment Order/Remittance Advice), **823 (LOCKBOX / FINSTA01 / LBX - Lockbox (Bank Of America)), 824** (ZAACKN - ASN Application Acknowledgement), **830** (DELINS - Delivery schedule/JIT schedule), **850** Purchase Order, **855** (Purchase Order Acknowledgment), **856** Shipment Notice with **IDoc/EDI**.
- Create Sales Order, Outbound Delivery, TO (Transfer Orders), confirm TO (**WM**) and PGI.
- Implemented Function Exit to modify the Inbound IDoc (**ORDERS.ORDERS05**) and Outbound IDoc (**SHPCON.DELVRY03**).
- Used **LSMW** (Direct Input method / BDC Session method) to load Master Data.
- Legacy Integration – JD Edwards.
- Used **LSMW** (Direct Input method / BDC Session method) to load Customer master, Vendor master, Vendor Characteristics, Material master, Material Classifications, Classification - Class Master Data, Classification General Characteristics, Material Plant View, Material Sales View, Material-Warehouse View, Create Warehouse Bin, Purchasing Info records and Material Purchasing Source List.
- Used **SAP-BOBJ (Business Objects Data Services)** integration using shared directory methods to extract Master data.
- Develop and modify existing Extract, Transform, and Load (**ETL**) procedures using **BODS** (Business Objects Data Services).

**SAP XI / PI 7.0 / 7.1 Developments:**

- Experience in complete Life cycle Implementation of **PI** project and Installation phase of PI to the production phase.
- Created Namespace, External Definition, Service Interface, Message Mapping and Operation Mapping (**PI 7.1**) for IDocs **PORDCR1.PORDCR101** and **BATMAS.BATMAS03**.
- Used **PI** monitoring tool **(CCMS)** and **RWB** for all the Interfaces, Component monitoring and message monitoring.
- Configured Communication Channel, Receiver Determinations, Sender and Receiver Agreement.
- Configured setting up **Partner profiles**, **ALE/IDoc**, **Ports** and **RFC Destinations**.
- Created **External Definition** from **.XSD** file (**XML Schema Definition** file).
- **Error handling:** Configured **Alert configuration** by using Tcode **ALRTCATDEF** and in Runtime Workbench (**RWB**) to receive the **Alert by E-Mail (Error Info)**.
- Integrated ECC with the legacy **SAP** system using **sender RFC adapter** and **receiver IDoc adapter** for **PO** and Batch outbound Inventory data.

**Client: Pactiv / Reynolds (Hefty and Reynolds aluminum foil)**          **Lake Forest, IL**

**Role: Senior SAP/R3 ABAP/4 PI 7.1 Technical Lead Consultant**          **Sep' 2011 – Feb' 2013**

**Functions: MM, WM, SD, CRM 7.0, QM, FI-CO and PROS Pricing Solution Suite (PPSS) (Data analytics software)**

**Version: ECC 6.0 [Oracle] [Linux]**

**Client's type of industry: Consumer Products and Food Service Packaging**

**Project Name: PETE - Pricing End To End**

**Duties:** As a **Senior SAP/R3 ABAP/4 PI 7.1 Technical Lead Consultant** involved in the Pactiv PETE project towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 SD, MM, WM** and **FI-CO** modules.

- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, and Formulate and execute unit test plans for custom programs.
- Development, implementation and maintenance in the areas of systems analysis and programming, testing and database designs.
- Development and implementation of master data extract (Material, Broker, End User, Sold To, Ship To, Bill To and Payer) outbound interface from SAP to **PPSS** (Data analytics software) through PI.
- Extended SAP standard **IDocs** (MATMAS05, DEBMAS06) to accommodate new custom fields.
- Implemented BAdI Definition IDOC_CREATION_CHECK to check IDoc creation, BADI_MATMAS_ALE_CR to add custom segment in MATMASE1 (Extension of MATMAS05).
- Order-to-Cash (**OTC**) and Procure to Pay (**P2P**).
- Designed / Developed custom **Screens (Portable handheld devices: 16 lines by 20 characters each)** and transactions for **RF (Radio Frequency) (WM)** with **ITS** Mobile.
- Currently working on **SAP CRM 7.0** EHP1 WebUI with good exposure to sales, service and marketing modules of CRM.

- Experience in enhancing components, working with event handlers, context nodes, attributes, plugs, views, windows.
- Good ABAP coding as well as **BOL** programming experience in **SAP CRM 7.0** WebUI as well as in **EHP1**.
- Created Custom **BTE** (Business Transaction Event) to modify inbound IDoc COND_A data (Conditions record), Tcode **BF01** and **FIBF**, event VKOA0100 and event VKOA0200.
- Modified **ZSD_EXPORT_FUSD** Shipper's Export Declaration (**SAP Script**).
- Modified Order Confirmation PACK with Price (**SMARTFORMS**).
- Modified **Custom Exit EXIT_SAPLVEDC_002** (Customer Enhancement for Data Segments Sales Order Confirmation) filter **XVBAP** for rejection Reason.
- Modified User Exit **MV45AFZZ** Add filter on S.Org and document category **USEREXIT_PRICING_PREPARE_TKOMP**).
- Modified 973 Formulas Condition values to filter based on S.ORG (RV64A973) TCode **VOFM.**
- Used **ABAP Proxy** to send the BROKER data from **SAP** to **PI**.
- Development and implementation of Condition Records, Customer Pricing Agreement inbound interface from **PROS** (Data analytics software) to SAP through PI.
- Used **Autosys** to scheduling the Jobs in SAP.
- Converted manual jobs to fully automated processes using **Autosys**.
- Provided on-going system performance monitoring and tuning.
- Designed Batch Processing system for SAP using **Autosys**, **Autosys Adapter** for SAP.
- Developed standardized scripts for job implementation.
- Working with Autosys Admin team to resolve issues in **Autosys** by checking event processor logs.
- Experience in analyzing reason for job failures, JIL scripting, handling user queries on **Autosys**.

**SAP XI / PI 7.0 / 7.1 Developments:**

- Developed the Data Types, Message Types, Message Interfaces, Interface Mapping and Message Mapping programs for each of these interfaces (**PI7.0**).
- Created Namespace, External Definition, Service Interface, Message Mapping and Operation Mapping (**PI7.1**) for Broker, End User, Sold To, Ship To, Bill To, Payer, Condition Records and Customer Pricing Agreement.

**Client: Chartis Insurance / AIG (IBM)**                                                        **Parsippany, NJ**

**Role: Senior SAP/R3 ABAP/4 Technical Lead Consultant**                    **May' 2011 – Aug'2011**

**Functions: FS-CD and FS-RI**

**Version: ECC 6.0, [Oracle] [SunOS], HPQC 10.00**

**Client's type of industry: Insurance & Finance**

**Project Name: FS-CD (Collections and Disbursements) and FS-RI (Reinsurance Management)**

**Duties:** As a **Senior ABAP/4 Technical Lead Consultant** involved in the **Chartis / AIG FS-CD and FS-RI project** towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 FS-CD and FS-RI** modules.

- Designed / developed dynamic table extract utility program for DFKKKO, DFKKOP, DIMAIOBPAR, DIMAIOB, DIMAIOBBCON, DIMAIOBPAR, DIMAIOBPAR_RE, IBROSTMH, IBROSTMP table's reconciliation.
- Designed / developed new function module to get the **BP Contact** (Business Partner Contact) information (Remittance information, correspondence information).
- Added new fields in the custom tab in Transaction code **FPE1**.
- Created new event in **FQEVENTS** and created the Z function module to get the correct Premium Insurance Object and commission Insurance Object for Transaction code **INSOCREATE** and **INSOCHANGE**.
- Designed / developed utility program for out going payments (to **CITI BANK**) by using **DMEE** tree.
- Designed / developed custom program and SAPscript to print Cash Voucher (**Check Lot and Payment Lot**).
- Designed / developed Enhancement Framework, Enhancement Spot, kernel-based BAdI and BAdI Interface.

- Designed / developed Application form, Form classes and smartforms for Invoice billing document, Service claims statement of account and cancellation letter by using **Print Workbench (PWB) (EFRM).**

**Client: Toyota Tsusho America, Inc**  (Remote Project)  Georgetown, KY

**Role: Senior SAP/R3 ABAP/4 WM Technical Lead Consultant**  **Mar' 2011 – Apr' 2011**

**Functions: MM, IM and WM**

**Version: 4.6c [UDB/Oracle]**

**Client's type of industry: Automotive / Parts**

**Project Name: New Breakdown Receiving Process RF – SAP**

**Duties:** As a **Senior ABAP/4 Technical Lead Consultant** involved in the **Toyota Tsusho America's New Breakdown Receiving Process RF – SAP project** towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 WM, IM and MM** modules.

- Designed / developed custom program for breakdown put away report.
- Modified IDoc processing for new Breakdown Receiving Process **RF – SAP**.
- Modified Pick List (SAPscript).
- Designed / developed custom function module for unpack the **handling units (HU).**

**Client: Fiserv (IBM & KPMG)**  Norcross, GA

**Role: Senior SAP/R3 ABAP/4 / PI 7.1 Adobe Technical Lead Consultant**  **Feb' 2011 – Feb' 2011**

**Functions: MM, FI/CO, FI-AA, and SD**

**Version: ECC 6.0, SRM 5.00 [Oracle] [SunOS], SAP PI 7.1, Adobe LiveCycle Designer ES (8.2) and**

**Adobe Acrobat 9 Pro**

**Client's type of industry: Finance & Banking**

**Project Name: Foundation**

**Duties:** As a **Senior ABAP/4 Technical Lead Consultant** involved in the **Fiserv Foundation project** towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 MM, FI/CO, FI-AA, and SD** modules.

- Conduct code reviews for custom program optimization, performance and standards (by using SQL tracing tools and ABAP Runtime Analysis).
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, and Formulate and execute unit test plans for custom programs.
- Designed / developed **SAP Adobe dynamic Interactive forms for Vendor Create/Change/Extend, Customer Create/Change/Extend and Material Create/Change/Extend in QISRSCENARIO.**
- Added the functionality to save the **Adobe forms** and get the saved forms by adding save form button and get saved form button.
- Added the functionality for custom error message while saving the **Adobe Forms** without filling the mandatory fields.
- Configuring the **Adobe Forms, QISR1 BADI and PCR Scenario** (**Notification Type 56)** in **QISRSCENARIO.**
- Developed **ABAP Web Dynpro** ALV Report for Notification No. Users use the Iview to see the Notification No details.

- Configured Communication Channel, Receiver Determinations, Sender and Receiver Agreement in **PI 7.1**.
- Used SFTP Adapter (Advantco) in Communication Channel.
- Configured **Alert configuration** by using Tcode **ALRTCATDEF** and in Runtime Workbench (**RWB**) to receive the **Alert by E-Mail (Error Info)** in **PI 7.1**.


**Client: Eisai Inc, RTP (Research Triangle Park**)  **Raleigh, NC**

**Role: Senior SAP/R3 ABAP/4 PI 7.1 Techno-Functional Lead Consultant**  **July' 2010 – Jan' 2011**

**Functions: MM, IM, WM, PP, PM, FI/CO, FI-AA, QM, APO and SD**

**Version: ECC 6.0, SRM 5.00 [Oracle] [SunOS], SAP XI PI 7.0/7.1, Adobe LiveCycle Designer ES (8.2) and**

**Adobe Acrobat 9 Pro**

**Client's type of industry: Pharmaceutical - human health care (hhc)**

**Project Name: Eisai Inc and MGI PHARMA, Inc Integration project**

**Duties:** As a **Senior SAP/R3 ABAP/4 PI 7.1 Techno-Functional Lead Consultant & Team Lead** involved in the **Eisai Inc and MGI PHARMA, Inc Integration, APO** Implementation **project** towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 MM, IM, WM, PP, FI/CO, FI-AA, QM, APO and SD** modules.

- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, and Formulate and execute unit test plans for custom programs.
- Responsible for objects (programs) deliverable.
- Manages the development, implementation and maintenance in the areas of systems analysis and programming, testing and database designs.
- Production support.
- Order-to-Cash (OTC) and Procure to Pay (P2P).
- RTR (Record to Report) on FI-GL.
- Global **ATP** Processing and Backorder Processing (**BOP**).
- Programs for Mass **ATP** Check and Dynamic **BOP** variant creation.
- Outbound Interface: Upon release of a Process Order in SAP, IDoc will be created with **SAP control recipes** data (Process Order header and **BOM** details) **(PP-PI sheet)** and IDoc will be send to the **ParCS** system through **SAP XI (PP)**.
- Designed / developed **SAP Adobe dynamic Interactive forms for Vendor Add/Change, Customer Add/Change and Material Add/Change.**
- Designed / developed Invoice **Adobe Print Forms**.
- Migration of an SAP Smart form to **Adobe Forms**.
- Added the functionality to send the **Adobe forms** as PDF attachment using email submit button.
- Added the functionality for custom dialog box message while saving the **Adobe Forms** without filling the mandatory fields.
- Configuring the **Adobe Forms** / Smart forms / SAP Script to the output type in NACE.
- Added the Standard Texts (**SO10**) into the **Adobe Forms** to combine multiple forms into one with single submit button.
- Developed **ABAP Web Dynpro for Shopping Cart Follow on Documents** in **SRM**.
- Developed **ABAP Web Dynpro for PO Details** in **SRM**.
- Developed **ABAP Web Dynpro** ALV Report for Material Shortage report for PP module. Users use this Iview to see a stock requirements shortage report and use the information to save time when running Material Requirements Planning (**MRP**).
- Developed **ABAP Web Dynpro** ALV Report for Material Shortage report for PP module. Users use this Iview to see a stock requirements shortage report and use the information to save time when running Material Requirements Planning (**MRP**).
- Designed / developed **SAP Adobe Interactive forms for Vendor Add/Change.**

- Worked with **SD pricing** tables **KONH Conditions (Header), KONP Conditions (Item), KONM Conditions (1 Dimensional Quantity Scales) and KONW Conditions (1 Dimensional Value Scales).**
- Created ALV report for **SRM** Organization Structure.
- Used **SAP-BODS (Business Objects Data Services)** integration using **IDoc** to create Customer in SAP.
- Used **SAP-BODS (Business Objects Data Services)** integration using **BAPI** to create Contract in SAP.
- Created Check Reconciliation Program for Wachovia BANK.

**SAP XI / PI 7.0 / 7.1 Developments:**

- Experience in complete Life cycle Implementation of **PI** project and Installation phase of PI to the production phase.
- Created Business System entries for Technical System in PI System Landscape Directory **(SLD)** as per the description of business scenario to be implemented.
- Configured the Software catalog by adding all the necessary Products and their related Software Components and exchange profile of PI instance.
- Developed the Data Types, Message Types, Message Interfaces, Interface Mapping and Message Mapping programs for each of these interfaces (**PI7.0**).
- Created Namespace, External Definition, Service Interface, Message Mapping and Operation Mapping (**PI7.1**).
- Design BPM (Integration process steps of Receive, Send, transformation, Receiver Determination, Block, Loop, Fork, Switch, Control, Container, Wait, Correlation, Context, Exception Branch, Trigger and Alert) for multi step scenarios, error handling and error reprocessing.
- Responsible for interfaces development using various adapters like IDoc, File, RFC and SOAP (Web Services to split messages).
- Used **PI** monitoring tool **(CCMS)** and **RWB** for all the Interfaces, Component monitoring and message monitoring.
- Configured Communication Channel, Receiver Determinations, Sender and Receiver Agreement.
- Configured setting up **partner profiles** and ports and **RFC Destinations**.
- Developed the connections to business system with Integration Engine to central Integration Server using the **IDOC adapters**.
- Created **External Definition** from **.XSD** file (**XML Schema Definition** file).
- **Error handling:** Configured **Alert configuration** by using Tcode **ALRTCATDEF** and in Runtime Workbench (**RWB**) to receive the **Alert by E-Mail (Error Info)**.
- Integrated ECC with the legacy (**ParCS / EBR** (**Electronic batch record**)) system using **sender IDOC adapter** and **receiver file adapter** for Process order header outbound, BOM (Bill of Material) outbound and Inventory data outbound.
- Integrated legacy system (**ParCS / EBR** (**Electronic batch record**)) with the ECC using **sender file adapter** and **receiver RFC adapter** for Consumption Summary inbound, Production Summary inbound.

**Upgrade PI 7.0 to PI 7.1:**

- Development of service Interface objects.
- Development of message mapping and operation mapping objects.
- Development of configuration objects, communication channels, sender and receiver agreements, receiver determination and Interface determination.
- Check the files are correctly picking and the files are correctly placing in the Target.

**Client: Bethyl Laboratories, Inc.**                                                      **Montgomery, TX**

**Role: Senior SAP/R3 ABAP/4 / Adobe Technical Lead Consultant**            **May' 2010 – July' 2010**

**Functions: SD, MM, PP, PM, FI/CO and PS**

**Version: ECC 6.0 [MSSQL] [Windows NT], Adobe LiveCycle Designer ES (8.2) and Adobe Acrobat 9 Pro**

**Client's type of industry: THE POLYCLONAL ANTIBODY SPECIALIST**

**Project Name: SAP ECC 6.0 Implementation Phase 2**

**Duties:** As a **Senior ABAP/4 Technical Lead Consultant** involved in the **Bethyl's SAP ECC 6.0 Implementation Phase 2 project** towards the Development, Implementation, and Testing, Solving various Issues and maintenance of **SAP R/3 SD, MM, PP, FI/CO and PS** modules.

- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, Function modules, RFC, BAPI, modification of User-Exit, Formulate and execute unit test plans for custom programs.
- Created custom **ALV report** for open work orders by work center and work order and send the **spool report via email** with **PDF file attachment**.
- **SAP Script**: Created Process order Label (PP) for Process order by using SAP Script (used **Zebra printer**).
- Label Design:  Used **ZebraDesigner™ Label Design Software** to Design the label **(Barcode label).**

**SAP Adobe Interactive Forms (offline):**

- Designed / developed **SAP Adobe Interactive forms for Affinity Purification with RFC and Web Services.**
- Designed / developed **SAP Adobe Interactive forms for Peptide Synthesis with RFC and Web Services.**
- Designed / developed **SAP Adobe Interactive forms for Antigens with RFC and Web Services.**

**Client: Eisai Inc, RTP (Research Triangle Park**)                                                    **Raleigh, NC**

**Role: Senior SAP/R3 ABAP/4 PI 7.1 Techno-Functional Lead Consultant   May' 2008 – April' 2010**

**Functions: MM, IM, WM, PP, PM, FI/CO, FI-AA, QM, APO and SD**

**Version: ECC 6.0, SRM 5.00 [Oracle][SunOS], SAP XI PI 7.0/7.1, Adobe LiveCycle Designer ES (8.2) and**

**Adobe Acrobat 9 Pro**

**Client's type of industry: Pharmaceutical - human health care (hhc)**

**Project Name: Eisai Inc and MGI PHARMA, Inc Integration project**

**Duties:** As a **Senior SAP/R3 ABAP/4 PI 7.1 Techno-Functional Lead Consultant & Team Lead** involved in the **Eisai Inc and MGI PHARMA, Inc Integration, APO** Implementation **project** towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 MM, IM, WM, PP, FI/CO, FI-AA, QM, APO and SD** modules.

- Conduct code reviews for custom program optimization, performance and standards.
- Production support.
- Experience in **GxP** - **Good Manufacturing Practice** (**GMP**).
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, creating Inbound/Outbound IDocs, IDoc Segments, Message types, Inbound/outbound process codes, output type, requirement, Condition records, Procedures, Access sequences, Function modules, BAPI, ALE configuration settings, modification of User-Exit, Formulate and execute unit test plans for custom programs.
- Order-to-Cash (OTC) and Procure to Pay (P2P).
- Duplicate Invoice Check: Copied SAP FM **FI_DUPLICATE_INVOICE_CHECK** to Z function module, Copied SAP program **RGGBR000** to Z program, created Validation and steps in **GGB0**, created Substitution in **GGB1**.
- User exit: **COCCA001** - Customer enhancement to cost center authorization checks and Modified **MV45AFZZ** – to validate sales order Delivery block.
- Designed / developed utility Program for **Journal entry posting (G/L Posting**) Input File received from **Treasury** system.
- Designed / developed utility Program for **Journal entry posting (G/L Posting**) Input File received from **CONCUR** system.
- Designed / developed ALV reports for **AR (Account Receivable) and AP (Account Payable)**.
- Designed / developed ALV report for **Asset details** (Acquisition date, Acquisition cost, Accumulated ordinary depreciation, Cumulative special depreciation, Net Book Value)
- Inbound Interface:  Inbound interface – TeamConnect-SAP Interface, create vendor invoice (**Legal invoice**) in SAP by using **BAPI_ACC_DOCUMENT_POST** and send the spool error report via email with **PDF** attachment **(FI-CO)**.
- Outbound Interface: Upon release of a Process Order in SAP, IDoc will be created with **SAP control recipes** data (Process Order header and **BOM** details) **(PP-PI sheet)** and IDoc will be send to the **ParCS** system through **SAP XI (PP)**.

- **BAdI:** Created new Implementation (**BAdI Definition ME_PROCESS_PO_CUST**) to update Purchase order line item's GR processing time in days.
- Configured Message type of **810** (Invoice), **820** (Payment Order/Remittance Advice), **823 Lockbox (Wells Fargo), 824** (ZAACKN - ASN Application Acknowledgement), **830** (DELINS - Delivery schedule/JIT schedule), **850** Purchase Order, **855** (Purchase Order Acknowledgment), **856** Shipment Notice, shipping orders (**940** - SHPORD.DELVRY03), **943** Warehouse Stock Transfer Shipment Advice and **945** Warehouse Shipping Advice for 3PLWarehouses (**EDI**).
- **SMARTFORMS**: Created Purchase Order, **BOM** (Bill of materials) details, **International invoice**, **Commercial Invoice**, **Delivery note**, custom style and IM packing slip, by using **SMARTFORMS**.
- After creating the **Purchase Order** it will be printed in the printer and it will be converted into PDF file and the PDF file will be **Emailed into the vendor** contact person (from vendor master)
- **SAP Script**: Created GR Label for Purchased Items, GR Label for Manufactured Items, Customer shipping label, Bulk label printing by using SAP Script (used **Zebra printer**).
- Label Design:  Used **ZebraDesigner™ Label Design Software** to Design the **Barcode label**.
- Designed / Developed dialog programs, created **RF (Radio Frequency) Screens (Portable handheld devices: 16 lines by 20 characters each)** with **ITS** Mobile.
  Report:

- Created custom **ALV report** for open orders by product line, by customer and send the **spool report via email** with **PDF file attachment**.
- Worked **Technical Upgrade from ECC5.0 to ECC6.0.**
- Worked in SAP Solution Manager.
- Designed / developed Report for **Shopping Cart Follow on Documents** in **SRM**.
- Transfer **PO** from **ECC** system to **SRM**.
- Get **Shopping Cart** details from **BBP_PD**.
- Created custom ALV report for all released orders for a specific period **(SD)**, Defects recorded per Vendor/Manufacturer **(QM)**., Issue verification to MFG orders **(QM)**, Process order details **(PP)**.
- Copied MB56 into ZMB56 (Batch Where-Used list) and modified based on the user's requirements **(QM)**.
- Designed / developed outbound interfaces for Process order header using ALE/IDoc, message type ZPOHDR, IDoc ZPOHDR01.
- Designed / developed outbound interfaces for BOM (Bill of Material) using ALE/IDoc, message type ZPOBOM, IDoc ZPOBOM01.
- Designed / developed outbound interfaces for Inventory data using ALE/IDoc, message type ZINVDT, IDoc ZINVDT01.

**SAP Adobe Interactive Forms (offline & Online):**

- Designed / developed **SAP Adobe Interactive forms for Vendor Add/Change, Customer Add/Change, Material Add/Change** and **create plan (Sales Forecast Data).**

**SAP Adobe Print Forms:**

- Designed / developed **Invoice, Delivery notes, Bill of lading, International invoice.**

**SAP ABAP/JAVA Web Dynpro:**

- Design and implement a financial master data portal and automate the master data distribution process to various SAP/ non-SAP systems. **MDM** is used to enter all financial data, Customers, Vendors, Employees, Materials, Products and Business partners which is developed using **Web Dynpro** and EP (Enterprise Portal). ECC is used for consolidating all the financial data. Used **MDM (Master Data Management system)** to store data centrally and using **XI (SAP exchange Infrastructure)** the data is integrated with all the systems.
- Developed **SAP Adobe Interactive** form using **ABAP Web Dynpro** which updates SAP database for t-code KB31N using BAPI_ACC_STAT_KEY_FIG_POST of PS- Module. This form has input fields and dropdown options and SUBMIT to SAP BUTTTON.
- Developed **SAP Adobe Interactive form** OFFLINE Scenario using **JAVA Web Dynpro** with which user can fill in the Adobe PDF form at his convenience and upload it via SAP Portal which intern updates SAP.
- Developed **ABAP Web Dynpro for Shopping Cart Follow on Documents** in **SRM**.
- Developed **ABAP Web Dynpro for PO Details** in **SRM**.
- Created **SAP ABAP Web Dynpro Application with SAP Adobe Interactive form** for Project Systems –Posting Actual units, for Information-Emails and Posting Planned units - Saves to mySAP PLM- CFolders.
- Created **SAP JAVA Web Dynpro Application with SAP Adobe Interactive form** for Project Systems –Daily Log-Emails, Saves to MySAP PLM-cFolders.

- Created **SAP JAVA Web Dynpro Application with SAP Adobe Interactive form** for Project Systems –Project Transmittals Saves to MySAP PLM-cFolders.
- Created **SAP ABAP Web Dynpro Application** with ALV editable to Change the status of the Phase Codes from Enterprise Portal instead of CJ20N.
- Developed **ABAP Web Dynpro** ALV Report for Material Shortage report for PP module. Users use this Iview to see a stock requirements shortage report and use the information to save time when running Material Requirements Planning (**MRP**).

**SAP XI / PI 7.0 / 7.1 Developments:**

- Experience in complete Life cycle Implementation of **PI** project and Installation phase of PI to the production phase.
- Created Business System entries for Technical System in PI System Landscape Directory **(SLD)** as per the description of business scenario to be implemented.
- Configured the Software catalog by adding all the necessary Products and their related Software Components and exchange profile of PI instance.
- Developed the Data Types, Message Types, Message Interfaces, Interface Mapping and Message Mapping programs for each of these interfaces (**PI7.0**).
- Created Namespace, External Definition, Service Interface, Message Mapping and Operation Mapping (**PI7.1**).
- Design BPM (Integration process steps of Receive, Send, transformation, Receiver Determination, Block, Loop, Fork, Switch, Control, Container, Wait, Correlation, Context, Exception Branch, Trigger and Alert) for multi step scenarios, error handling and error reprocessing.
- Responsible for interfaces development using various adapters like IDoc, File, RFC and SOAP (Web Services to split messages).
- Used **PI** monitoring tool **(CCMS)** and **RWB** for all the Interfaces, Component monitoring and message monitoring.
- Configured Communication Channel, Receiver Determinations, Sender and Receiver Agreement.
- Configured setting up **partner profiles** and ports and **RFC Destinations**.
- Developed the connections to business system with Integration Engine to central Integration Server using the **IDOC adapters**.
- Created **External Definition** from **.XSD** file (**XML Schema Definition** file).
- **Error handling:** Configured **Alert configuration** by using Tcode **ALRTCATDEF** and in Runtime Workbench (**RWB**) to receive the **Alert by E-Mail (Error Info)**.
- Integrated ECC with the legacy (**ParCS / EBR** (**Electronic batch record**)) system using **sender IDOC adapter** and **receiver file adapter** for Process order header outbound, BOM (Bill of Material) outbound and Inventory data outbound.
- Integrated legacy system (**ParCS / EBR** (**Electronic batch record**)) with the ECC using **sender file adapter** and **receiver RFC adapter** for Consumption Summary inbound, Production Summary inbound.

**Upgrade PI 7.0 to PI 7.1:**

- Development of service Interface objects.
- Development of message mapping and operation mapping objects.
- Development of configuration objects, communication channels, sender and receiver agreements, receiver determination and Interface determination.
- Check the files are correctly picking and the files are correctly placing in the Target.


**Client: BMW North America (BMW Parts Warehouse) - ACCENTURE**        **Senatobia, MS**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**        **March' 2008 – April' 2008**

**Functions: MM, IM, EWM and SD**

**Version: ECC 5.0, SCM 5.1, SNC 7.0**. **[Oracle][HP-UX]**

**Client's type of industry: Automotive / Parts**

**Project Name: ATLAS**

**Duties:**

- Designed / developed **ALV report** to find **TO** (transfer order), delivery and Shipment are not assigned with pick **HUs (Handling Units)** for **EWM Module**.
- Modified Print program of **BOL** (**Shipment Bill of Lading - SMARTFORMS**) (print BOL after Shipment loading end).
- Modified **RF (Radio Frequency)** Screens (Portable handheld devices: 16 lines by 20 characters each) to find correct **HUs (Handling Units)** while picking and packing by using Dialog programming (Module pool programs)) for **EWM Module**.
- Production support for **picking, packing** and **Shipment** closing processes in **EWM**.
- PO Collaboration, Delivery Collaboration and Invoice Collaboration for **SNC.**


**Client: Nestlé Waters North America**                                    **Greenwich, CT**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**              **March' 2007 – March' 2008**

**Functions: MM, IM, SD, PP, FI/CO, FI-AA and WM**

**Version: 4.6c / 4.7 [Oracle][SunOS], SAP XI 3.0, Test Director 8.0**

**Client's type of industry: Food and Beverage**

**Project Name: MH (Material handling) and Interface from Legacy (SAP 4.6c) to GLOBE (SAP 4.7)**

**Duties:** As a **Senior ABAP/4 Technical Consultant** involved in the **Nestlé Waters North America – MH (Material handling) and Interface From Legacy (SAP 4.6c) to GLOBE (SAP 4.7)** project towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 MM, IM, SD, PP, FI/CO, FI-AA and WM** modules. All inbound and outbound interfaces were developed in SAP.

- Build multiple interfaces for **Legacy (SAP 4.6c) – XI - GLOBE (SAP 4.7).**
- Conduct code reviews for custom program optimization, performance and standards.
- Order-to-Cash (OTC) and Procure to Pay (P2P).
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, creating Inbound/Outbound IDocs, IDoc Segments, Message types, Inbound/outbound process codes, output type, requirement, Condition records, Procedures, Access sequences, Function modules, **Workflow**, RFC, BAPI, ALE configuration settings, modification of User-Exit, **Variant Configuration**, Created Characteristics, Assigned characteristics into a Class, Setup Configuration profile, Formulate and execute unit test plans for custom programs.
- Involved in Analysis, Testing, Debugging, and Defect Reporting & Documentation.
- Developed the Data Types, Message Types, Message Interfaces, Interface Mapping and Message Mapping and Configured Communication Channel, Receiver Determinations, Sender and Receiver Agreement for each of these interfaces **(XI)**.
- Responsible for interfaces development using various adapters Proxy, IDoc, SOAP, Web Service, File, JDBC, RFC and JMS **(XI)**.
- Used Test Director for Requirements, Test case preparation and Execution, Defects Tracking.
- Provide 24/7 Production supports.
- Designed / Developed dialog programs, created **RF (Radio Frequency) Screens (Portable handheld devices: 16 lines by 20 characters each)** with **ITS** Mobile.

**Inbound interfaces:**

- Designed / developed inbound interfaces to create / change PO using **BAPI_PO_CREATE1 / BAPI_PO_CHANGE**, ALE/IDoc/BAPI, and message type **ORDERS**, IDoc **ORDERS05 and E1EDK02-QULF = '001'**.
- Designed / developed inbound interfaces to create delivery using ALE/IDoc, message type SHPORD, IDoc DELVRY03, message type ZMATMAS, IDoc MATMAS03, message type YDEBMAS, IDoc DEBMAS05, message type ZDOCKYD, IDoc ZDOCKYD and message type ZPRORCHG01, IDoc ZPRORC01.
- Designed / developed inbound interfaces to create / change sales order using **BAPI_SALESORDER_CREATEFROMDAT2 / BAPI_SALESORDER_CHANGE**, ALE/IDoc/BAPI, and message type **ORDERS, IDoc ORDERS05 and E1EDK02-QULF = '002'**.

**Outbound interfaces:**

- Designed / developed outbound interfaces for ASN using ALE/IDoc, message type DESADV, IDoc DESADV01, GI using ALE/IDoc, message type YINVRPT001, IDoc WMMBID02, GR using ALE/IDoc, message type ZRECADV03, IDoc WMMBID02 and delete delivery using ALE/IDoc, message type ZDELDEL, IDoc ZDELDEL.

**Utility Programs:**

- Designed / developed custom program for insert / update process order info into the custom table.
- Designed / developed custom program to create storage Bin (Tcode **LS01N**) by using BDC.
- Designed / developed custom program to create Batch / change Batch (Tcode **MSC1N / MSC2N)** by using BAPI (**BAPI_BATCH_CREATE / BAPI_BATCH_CHANGE**).
- Designed / developed custom program to create Material document (MvT 309 material transfer posting) by using BAPI (**BAPI_GOODSMVT_CREATE**) for Warehouse Managed materials and Inventory Managed materials.
- Designed / developed custom program for Pallet determination and packing functionality by using BDC TCode: VL02N.
- Designed / developed utility Program, it will extract the **stock info** from SAP and creates the file in the **UNIX** and FTP the file into the middleware system by using "**RFC_REMOTE_PIPE**".
- Designed / developed custom program to extract inventory down load and upload.

**User Exit:**

- Modified user exit MV50AFZ1 USEREXIT_DELETE_DOCUMENT to delete delivery and create IDoc for delete delivery.
- Modified user exit MV50AFZ1 USEREXIT_SAVE_DOCUMENT_PREPARE to restrict add / delete line item in the delivery and change delivery quantity.
- Modified user exit MV50AFZ1 USEREXIT_SAVE_DOCUMENT_PREPARE to add Partners in the delivery based on the delivery type.
- Created new user exit EXIT_SAPLV01Z_004 to validate the batch for material transfer posting (for **MIGO**).
- User exit EXIT_SAPMM07M_001 to validate valuation class and standard price of the sending and receiving materials for TCode MB1B and MIGO (MVT 309 and 310).

**Module pool program:**

- Designed / developed custom Module pool program (**Dialog programming**) to update process order status (Z table) and create GI material document for process order (using **BAPI**).

**SAP Script and Barcode:**

- Modified print programs and form layout for **Bill of Lading (BOL), pick ticket**.
- Modified print programs and form layout for ASN Pallet **Barcode label** (used **Intermec printer**) by using **Intermec LabelShop Pro 6.0** Software.
- Used **Symbol LS3408ER handheld scanner** to test the **Barcode label**.

**Workflow:**

Developed workflow for the following objects:

- Created Workflow Templates for Purchase Requisition / Purchase Order release.
- Process order (IDoc) error handling through Workflow. (Send emails to MS Outlook).
- Trigger a workflow to send an email whenever a new material / vendor / customer are created.

**Master Data load:**

Used **LSMW** to load Customer master, Vendor master, Material master and inventory.

**Reports:**

- Modified reports for Physical Inventory Differences Report, Stock Balance Report, PO Lookup Report, Inventory Balance Prior Period, Shipments by Material Report, Inventory Management Withdrawal Report, Material Document Quantity and Value Report and IDOC Report.

**Client: BMW Manufacturing Co**                                                    **Spartanburg, SC**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**                     **Oct' 2006 – Feb' 2007**

**Functions: MM, IM, SD, FI/CO, LES, PS, PP, APO and EWM**

**Version: ECC 5.0 [Oracle][HP-UX], XI 3.0, SCM 5.1, Inventory Collaboration Hub (ICH).**

**Client's type of industry: Automotive / Parts**

- As a **Senior ABAP/4 Technical Consultant** involved in the **BMW Manufacturing Co. – Contract Logistics 2007 (CL2007)** and **APO** Implementation project towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 MM, IM, SD, FI/CO, LES, PP, APO and EWM** modules. All inbound and outbound interfaces were developed in SAP.
- Build multiple interfaces for SAP R/3 to **SCM partners**.
- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, Formulate and execute unit test plans for custom programs.
- Provide 24/7 Production supports.
- **Upgrade project from 4.6c to ECC 5.0**.
- Used **GR Automotive (BORGR)** for Goods Receipt.
- Designed / developed outbound interface program of Contact Master, Packaging Material Master, Part Master, and Supplier Master Interfaces for SCM Providers.
- Modified **RF (Radio Frequency (RF Console)) Screens (Portable handheld devices: 16 lines by 20 characters each)** to find correct **Packaging Material** by using Dialog programming (Module pool programs)) for **EWM** Module.
- Designed / developed new custom utility program to create **Transfer Order (TO) (Tcode LT03)** and conform the **Transfer Order (TO) (Tcode LT12)** for **EWM** module.
- Designed / developed new custom **ALV reports** for material movement detail **from one storage location to another storage location** for **EWM** Module.
- Designed / developed new **ALV reports** for PART and PART Classification detail, Lists the adjusted quantities and their moving average price.
- Designed / developed new **ALV reports** for **KANBAN material** detail.
- A custom interface for **Kanban materials** was developed in which **Kanban** consumption was transferred to **APO**. Using the planning book forecast, the required number of **Kanban** cards was calculated at the **APO** end and updated back to the R/3 end.
- Core Data Interface between **APO** and ECC.
- Implementation of the SAP **SNC** module of the SAP **SCM** suite.
- PO Collaboration for **Inventory Collaboration Hub (ICH)**
- Delivery Collaboration for **Inventory Collaboration Hub (ICH)**
- Invoice Collaboration for **Inventory Collaboration Hub (ICH)**
- Advanced shipping notifications (ASNs) for **SNC**
- Designed / developed Utility Programs to setup partner profile, output conditions and update ZTables.
- Configured Rout code, Text type in **SPRO**
- Configured Message type of **830** (DELINS - Delivery schedule/JIT schedule), **856** (DESADV – ASN Advance Shipping Notification) and **824** (ZAACKN - ASN Application Acknowledgement), shipping orders (**940** - SHPORD.DELVRY03) **943** Warehouse Stock Transfer Shipment Advice and **945** Warehouse Shipping Advice for **3PL**Warehouses (**EDI**).
- Message Control Configuration for Output - **IDoc / EDI**.
- **EDI/ALE** Configuration for Partner Profile / Port / RFC Destination.
- **EDI** Setup for vendors (Suppliers) in partner profile.
- Partner function setup for all vendors (Suppliers).
- **Workflow** Template for release (approval) of PO, Create asset from equipment, Create / Change equipment from an asset, Material discontinuation, Vendor Material Discontinuation, release of RFQ.
- **SAP EDI** partner setup SAP output determination IDoc monitoring Ability to business requirements into technical specs.
- Set up trading partners and map IDocs.
- Designed / Created new C**ustom table (Z Table)**, **Data elements** and **Domains** to store ASN Acknowledgement Application Partner Transformation Map.
- Design and development of **LSMW** Programs to load Customer master, Contact master, Packaging material master, Part master and Supplier (vendor) master for SCM Providers.

- Created **WBS element**, Configured **Project profiles** and standard **WBS element**.
- Created **Project** by using **Project Builder (Transaction CJ20N).**
- Modified **SMARTFORMS** for **SD**, **MM**, and **FI**. Includes Invoice, Purchase Order, Goods Receipt Note, and Delivery Schedule output.
- **Variant Configuration**.
- Created Characteristics in **CT04**, Assigned characteristics into a Class in **CL01**,setup Configuration profile in **CU41** and Setup Condition in **VK11**.
- Used **Newmerix Automate Change Version 5.0.61216** to manage the transport requests.

**Client: Telephone and Data Systems, Inc (TDS) & U.S.Cellular (USC- a wireless telecommunications company),   Madison, WI**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant (Technical Lead)       July 2006 – Oct'2006**

**Functions: MM, SD, AM, FI/CO, FI-AA, IM, LES, PS and WM**

**Version: 4.6c / ECC 5.0 [Oracle][SunOS] - Sarbanes-Oxley (SOX) controls, BizTalk - IS Retail Implementation**

**Client's type of industry: Telecommunications / Wireless**

**Project Name: Asset Tracking Management (ATM)**

**Duties:** As a **Senior ABAP/4 Technical Consultant** involved in the **TDS & USC – Asset Tracking Management (ATM)** project towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 MM, SD, FI/CO, FI-AA, AM, IM, PS and WM** modules. All inbound and outbound interfaces were developed in SAP by using **IA (Interface Architecture)**.

- Build multiple interfaces for SAP R/3 to GAMMA NetONE through **BizTalk**.
- Used  **MQ- Series.**
- Conduct code reviews for custom program optimization, performance and standards.
- Order-to-Cash (OTC) and Procure to Pay (P2P).
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, Formulate and execute unit test plans for custom programs.
- Good Knowledge in Sales and Operations Planning (**S&OP**), Demand Planning (**DP**) and Supply Network Planning (**SNP**).
- Designed / Developed Inbound and outbound interface program in **IA (Accenture's Interface Architecture).**

**Outbound interfaces:**

- Modified **Article (Material)** extract from SAP to GAMMA**.
- Modified **outbound delivery** extract from SAP to GAMMA.
- Modified **WBS element data (Work Breakdown Structure)** extract from SAP to GAMMA.
- Modified **Sales Order** extract from SAP to GAMMA.

**Inbound interfaces:**

- Modified Cycle count (Inventory count) inbound interface from GAMMA NetONE to SAP for Cell Site Assets using **BDC** (Transaction **ZATM_CYCLECOUNT**) to update **Asset serial number**.

**Upgrade 4.6c to ECC 5.00:**

- Removal of obsolete statements by checking through the code inspector.
- Replacing the call transaction on obsolete transactions with the corresponding new transactions.
- Replacing the BDC on enjoy transactions with BAPI.
- **SPAU / SPDD** corrections.
- Run **SPUMG** Transaction for Unicode Conversion in non-Unicode system. **SPUM4 in 4.6c**.

**Asset Upload Utility Programs:**

- Modified upload utility program of **Mass asset change** by using BDC (Transaction **AS02**).

- Design and developed of upload utility program for unclaimed property (**Void checks**).
- Designed / Created new **custom table (Z Table)**, **Data elements** and **Domains** to store void checks info.


**Client: GTECH Corporation**                                                    **West Greenwich, RI**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**                 **June 2006 – July 2006**

**Functions: PS, CO-PA and FI/CO**

**Version: 4.7C [Oracle][SunOS]**

**Client's type of industry: Lottery and Online gaming**

**Project Name: Fiscal year Conversion**

**GTECH** is a full service technology partner catering to all of the systems and support needs of online gaming (**Lottery**) operators worldwide.

**Duties:**

- Modified reports for Statement of Work based on hours/dollars to create a dynamic display of months dependent on the selected fiscal year. The corresponding months for the entered version and fiscal year were selected based on posting periods as obtained by means of standard function modules, which would retrieve the information from T009B and T009C.
- Worked on transactions to display the summarized project details related to a full 36 period duration beginning from the current fiscal year based on both the forecast and actual data. The modified transaction would take into account the shortened fiscal year of 2007 and 2008 while eliminating the dependency on any predefined fiscal year.
- Worked on modifying dialog programs to change the hard-coded display of individual months with fixed labels to enable a dynamic display of the same based on the selected fiscal year and version.
- Worked on custom developed reports for region based project summary for hours/dollars to dynamically enable the data selection from the standard Cost Object table (**COSS**) based on the selected fiscal year. The individual subtotal and summarized total for each region were accordingly modified to base them on the posting periods for the selected fiscal year.


**Client: Nortel Networks, RTP (Research Triangle Park)**                          **Raleigh, NC**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant (Technical Lead)**       **June' 2005 – May 2006**

**Functions: MM, WM, IM, LES, SM, PP, FI/CO and SD**

**Version: 4.6c [Oracle][SunOS]**

**Client's type of industry: Telecommunications / Wireless**

**Project Name: Migration from SAP-CrossWorlds to SAP-BizTalk**

Nortel delivers innovative technology solutions encompassing end-to-end broadband, Voice over IP, multimedia services and applications, and wireless broadband designed to help people solve the world's greatest challenges.

**Duties:**

- As a Senior ABAP/4 Technical Consultant (Technical Lead) involved in requirements gathering, creating Inbound/Outbound IDocs, IDoc Segments, Message types, Inbound/outbound process codes, output type, requirement, Condition records, Procedures, Access

sequences, Function modules, RFC, BAPI, ALE configuration settings, modification of User-Exits to include triggering program for Outbound IDocs pertaining to MM, WM, IM, SM, PP, FI/CO and SD modules.

- Lead a team of developers to build multiple interfaces for SAP R/3 to Clarify, SAP R/3 to KNLL and SAP R/3 to Data central.
- Configured Message type of **810 (Invoice), 850 (Purchase Order), 855 (PO Acknowledgment), 830 (Production Schedule & Release) and 856 (ASN)** for **ALE/IDoc/EDI**.
- Message Control Configuration for Output - **IDoc / EDI**.
- **EDI/ALE** Configuration for Partner Profile / Port / RFC Destination.
- **EDI** Setup for vendors in partner profile.
- **SAP EDI** partner setup SAP output determination and IDoc monitoring.
- Provide 24/7 Production supports.
- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, and Formulate and execute unit test plans for custom programs.

**Inbound Interfaces:**

Design and development of inbound interfaces from BizTalk to SAP for Production order confirmation (**CO15**), Goods Receipt (**MB31**), Production order GI Reservation (**MB1A**), Stock transfer GI/GR (**MB1B**), Create Equipment (**IE01**), Change Equipment (**IE02**), Create Functional Location (**IL01**), Change Functional Location (**IL02**), return delivery (**VL01N/VL02N**) and create material group (**WG21**) by using IDoc and BDC.

**Outbound Interfaces:**

Design and development of outbound interfaces from SAP to BizTalk for Return order, Customer master, and Material Master by using IDoc.

**BAPI:**

Design and development of BAPIs for Goods movement create (**BAPI_GOODSMVT_CREATE**), Standard Goods Issue for Inventory Movement (**BAPI_OUTB_DELIVERY_CONFIRM_DEC**) and Post Invoice (**BAPI_INCOMINGINVOICE_CREATE**).

**RFC:**

Design and development of RFCs for Customer-Material Info Record create/change, customer master create/change (sold-to,

Ship-to, Bill-to) and vendor create/change.

**UserExit:**

- Created new **Requirement** (Tcode **VA01** AND **VA02**) to create the output type.
- Created **new requirement** by using Tcode **VOFM** (Tcode VL01N and VL02N) to create the output type.
- Modified userexit **EXIT_SAPMF02D_001** (XD01 and XD02) to trigger the trigger Program, **EXIT_SAPLCOBT_001** (Tcode CO15) to trigger the trigger Program, **EXIT_SAPLMBMB_001** (Tcode MB1B) to trigger the trigger Program.
- Modified userexit **MV50AFZ1** for **SAPMV50A.**

**SMARTFORMS:**

- Modified **SMARTFORMS** for SD, MM Purchase Order, and Goods Receipt Note.

**Client: Telephone and Data Systems, Inc (TDS) & U.S.Cellular (USC- a wireless telecommunications company),    Madison, WI**

**Role:** Senior SAP/R3 ABAP/4 Technical Consultant (Technical Lead)              May' 2004 – May' 2005

**Functions: MM, SD, AM, FI/CO, FI-AA, IM, LES, PS and WM**

**Version: 4.6 [Oracle][SunOS] - Sarbanes-Oxley (SOX) controls, BizTalk - IS Retail Implementation**

**Client's type of industry: Telecommunications / Wireless**

**Project Name: Asset Tracking Management (ATM)**

**Duties:** As a **Senior ABAP/4 Technical Consultant** involved in the **TDS & USC – Asset Tracking Management (ATM)** project towards the Development, Implementation, Testing, Solving various Issues and maintenance of **SAP R/3 MM, SD, FI/CO, FI-AA, AM, IM, PS and WM** modules. All inbound and outbound interfaces were developed in SAP by using **IA (Interface Architecture)**.

- Lead a team of developers to build multiple interfaces for SAP R/3 to GAMMA NetONE.
- Used  **MQ- Series.**
- Provide 24/7 Production supports.
- Conduct code reviews for custom program optimization, performance and standards.
- Gathering requirements from business process owners, functional, writing up development requests, technical specs, draw program logical flow diagrams, and Formulate and execute unit test plans for custom programs.
- Designed / Developed Inbound and outbound interface program in **IA (Accenture's Interface Architecture).**
- Order-to-Cash (OTC) and Procure to Pay (P2P).
- Designed / developed outbound interface program of **Article (Material), outbound delivery, Sales Order, Purchase Order, Cycle count (Inventory count), WBS element data (Work Breakdown Structure)** and **BOM** (Bill of material) to from SAP to GAMMA through **BizTalk**.
- Design and development of Sales Order Create inbound interface from GAMMA NetONE. to SAP by using **IDoc** (SAP **IDoc** type **ORDERS05**, Message type **ORDERS,** Inbound process code **ORDE,** Sending Partner **GAMMA** and Partner type **LS** ((Logical System)), Purchase Requisition Create inbound interface from GAMMA NetONE to SAP by using IDoc (SAP IDoc type **PREQCR02**, Message type **PREQCR**, Inbound process code **BAPI**, Sending Partner **GAMMA** and Partner type **LS** ((Logical System)).
- Designed / developed the Cycle count (Inventory count) inbound interface from GAMMA NetONE to SAP using **BDC** (Transaction **MI04**), Cycle count (Inventory count) inbound interface from GAMMA NetONE. to SAP for Cell Site Assets using **BDC** (Custom transaction **ZATM_CYCLECOUNT**).

- Design and development of Utility Program for **creation of asset** and **settlement rule** (**K_SRULE_SAVE_UTASK**) from the spreadsheet by using BAPI (**BAPI_FIXEDASSET_CREATE1**) (Transaction **AS01**).
- Design and development of **Utility Program for Mass asset change** by using BDC (Transaction **AS02**), **Mass Intra-company asset transfer** by using BDC (Transaction **ABUMN**), Mass Inter-company asset transfer by using BDC (Transaction **ABT1N**) and Mass asset retirement by using BDC (Transaction **ABAVN**).
- Design and development of LSMW Program for create **Articles (Material)**, Purchasing info records, Customer, Customer-Material Info Record and Vendor in SAP by using **LSMW**.
- USEREXIT_MOVE_FIELD_TO_VBAP in program MV45AFZZ to default Storage location on Sales order line items based on Plant/Site. Values for storage location will be populated in custom table ZZATM_SLOC_ORDER.
- Designed / Created new **custom table (Z Table)**, **Data elements** and **Domains** to store asset cycle count info.
- Design and development of custom transaction **ZATM_CC** for ZATM_CYCLECOUNT Cycle count discrepancy record table maintenance. Created two screens and one Table Control by using Screen/Menu Painter (Dialog programming (Module pool programs))
- Design and development of SAP/GAMMA Inventory Variance report by using **ALV**.
- **SAP Script:** Designed / developed print programs and created layout for GR Label, GI Label, ASN Pallet **Barcode label** (used **Zebra printer**) by using **ZebraDesigner™ Label Design** Software.

**Object-Oriented Programming (OOP):**

- Design and development of automated **asset creation (**by using BAPI (**BAPI_FIXEDASSET_CREATE1**) (Transaction **AS01**)) and settlement rule (**K_SRULE_SAVE_UTASK**) for **WBS** elements by using **Object-Oriented Programming** and **ALV Tree**.
- Design and development **of Classes, methods, ALV display, ALV Tree reports**.

**Client: VIVENDI UNIVERSAL (UNIVERSAL STUDIOS - ACCENTURE)**           **Los Angeles, CA**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**  Jun' 2003 – May' 2004

**Functions: FI/CO, AP, AR and PS**

**Version: 4.6c [Oracle][SunOS]**

**Client's type of industry: Entertainment / Movie**

**Duties:** As a **Senior ABAP/4 Technical Consultant** involved in the **Vivendi Universal – Artist Payments Extraction Engine (APEE)** towards the Development, Implementation, Testing, Solving various Issues, Production supports and maintenance of **SAP R/3 FI/CO, AP, AR and PS** modules.

- Involved in **Designing Interfaces** in **SAP R/3**.
- Provide 24/7 Production supports (**UNIVERSAL STUDIOS - Production supports Team**)
- Gathering Information's from various systems (Finance system) and incorporating in SAP R/3 interface program.
- Creating, changing and executing CATT scripts
- Developed **Technical design from the functional design** for interface programs and report programs.
- Designed / Developed Inbound and outbound interface program in **IA (Accenture's Interface Architecture).**
- Designed / Developed interface program to send invoice data from **SAP R/3 to PARIS (Finance system) (Outbound),** to send invoice data from **SAP R/3 to REVENUE COST (Finance system) (Outbound),** to send invoice data from **SAP R/3 to DW (Prod. Acct. Data Warehouse) (Finance system) (Outbound),** to send invoice data from **SAP R/3 to PICTURE COSTS (Finance system) (Outbound).**
- Designed / Developed interface program to Receive data from **PEOPLESOFT to SAP R/3** via **TIBCO (Inbound),** to Receive data from **REVENUE COST to SAP R/3** via **TIBCO (Journal Upload) (Inbound).**
- Created files in SAP R/3 for **Universal Pictures, Free TV, Pay TV** and send that files to **PARIS** by using **FTP**.
- Designed / Developed five-function module for **Artist Payments Extraction Engine (APEE),** Function modules for extract Special ledger data from SAP R/3, create Run ID (Transaction – **SNRO**),Update Run ID table and track Run ID.
- Created **WBS element**.
- Configured **Project profiles**, standard **WBS element**.
- Created **Project** by using **Project Builder (Transaction CJ20N).**
- Master Data load (Customer, Vendor, and Material) by using **LSMW**.
- Designed / Developed Revenue and Costs Reconciliation Report (**AR**), Theatrical Distribution Statement of Operations Report (**AR**) by using **ALV**.
- Modified print programs and created customized layout sets for Vendor Check (**AP**), Billing invoice (**AR**) by using **SAP Script**.

**Client: APPLIED MATERIALS (AMAT)**  Santa Clara, CA

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**  Dec' 2002 - Jun' 2003

**Functions: PP, SM, PM, LES, QM, SD and MM**

**Version: 4.5B [Oracle]**

**Client's type of industry: Electronics**

**APPLIED MATERIALS (AMAT)** is the World's largest manufacturer of semiconductor equipment.

**Duties:** As a **ABAP/4 Technical Consultant** involved in the **APPLIED MATERIALS (AMAT) – WFP (Work Force Planning Team**) towards the Development, Implementation, **GAP Analysis between SAP R/3 and Informatica,** Testing, Solving various Issues, Production supports and maintenance of **SAP R/3 PP, SM, PM, SD and MM** modules.

- Designed / Developed conversion programs to load data from **BORD** (Legacy System) to SAP R/3 for Load Material Master Data (Create-**MM01** and Change-**MM02**) by using **LSMW**.

- Designed / Developed **BDC** program to Create Planned Order using transaction **MS11** (Data from **eTrack** (Legacy System) to **SAP**), Create Equipment **(IE01)**, Create Functional Location **(IL01)**.
- **Equipment Interface** - Program reads Mainframe data stored in **Config DB** via **DB-Link**. Equipments are Created by Batch-Input session (**BDC**) Transaction: **IE01**: Create Equipment, **IE02**: Modify Equipment
- **Sub-Equipment Interface** - Program reads Assembly data stored in **Config DB** via **DB-Link**.
  Sub-Equipments are Created by Batch-Input session (**BDC**) Transaction: **IE01**: Create Equipment, **IE02**: Modify Equipment

- **Functional Location Interface** - Program reads Fab data stored in **Config DB** via **DB-Link**. Functional Location are created by Batch-input session (**BDC**) Transaction: **IL01**: Create Functional Location, **IL02**: Modify Functional Location.
- Designed / developed new custom **transactions** for WFP (Work Force Planning) - Funded Dollars and Funded Hours by using Dialog programming (Module pool programs)**.** The screen includes two screens and one Table Control by using screen/ Menu Painter.
- Designed / developed Funded Dollars and Funded Hours (Actual and Forecast) report (Interactive Report).


**Client: SIEMENS ICN (Siemens Information and Communication Networks U.S)**             **Orlando, FL**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**             **Aug' 2002 – Nov' 2002**

**Functions: PM, MM, SD, LES, FI/CO**

**Version: 4.6c [DB2]**

**Client's type of industry: Telecommunications / Wireless**

**Duties:** As a **ABAP/4 Technical Consultant** involved in the **SIEMENS ICN**, towards the Development, Implementation, Testing, Solving various Issues, Production supports and maintenance of **SAP R/3 MM, PM, SD, FI /CO** modules.

- Modified custom function modules based on the user's requirement.
- Modified **User Exits** for user requirements.
- Used **Gentran** and **MQ- Series.**
- Developed conversion programs to load data from files to R/3 using **SAP's LSMW** (Legacy System Migration Workbench). Loading Master Data (Customer, Vendor, Material) using **LSMW**
- Designed / Developed **BDC** programs to create Installed Base **(IBASE) (IB51),** Create **Equipment (IE01),** Create Material **Serial Number (IQ01)**, Create **Functional Location (IL01),** Create N**otifications (IW21),** Create **Order (IW31) and** Create **Equipment BOM (IB01)**.
- Modified user exit **ZV50AFZ1** for **SAPMV50A (TCode. VL02N or VL31N)** to update the **Z*** table with Shipment data from ALS (Airborne Logistics System), **MB_CF001** for **SAPMM07M (TCode. MB1A)** for Service Order Processing and **CONFPM05** for **SAPLCORU (TCode. IW41)** for **Plant Maintenance Order Confirmation**.
- Designed / developed reports for **GL Account, AP and AR** by using SAP Report writer and Report Painter.


**Client: Caterpillar Logistics Services Inc**             **Peoria, IL**

**Role: Senior SAP/R3 ABAP/4 Technical Consultant**          **Feb'01 – Aug 2002**

**Functions: MM, IM, LES, WM, PP, QM,  SD, and FI/CO**

**Version: 4.6c [UDB/Oracle], 4.6b [Oracle]**

**Version: 4.6c [DB2] (MG Rover, Land Rover, Harley Davidson)**

**Client's type of industry: Automotive / Parts**

**CATERPILLAR LOGISTICS SERVICES Inc. (CLS)** is one of the world's Leading Logistics Solution providers who implements **SAP R/3** for various Clients such as Land Rover-UK, MG Rover-UK, Daimler Chrysler-Australia, Daimler Chrysler-Dubai, Harley Davidson-Belgium, Kodak-Sweden, Ford -Mexico, MCI-US and US Cellular-US.

**Duties:** As a **Senior SAP/R3 ABAP/4 Technical Consultant** involved in the **CAT Logistics Solution Center Team**, towards the Development, Implementation, Testing, Solving various Issues, Production supports and maintenance of **SAP R/3 MM, IM, PP, SD, FI /CO** and **WM** modules.

- Designed / Developed dialog programs, created **RF (Radio Frequency) Screens (Portable handheld devices: 16 lines by 20 characters each)**.
- Analyzing the master data to be uploaded using **LSMW, CATT**.
- Integration with Sales, Billing, Finance, Manufacturing and Warehouse Management
- Extensive interfaces from and to Legacy systems
- Development, Unit testing, interacting with the basis teams in migration of the ABAP objects to Test, Quality and Production environments. Provide support during User acceptance testing.
- Provide 24/7 Production supports.
- Inbound Invoice interface to create the billing document (**VF01)** by using **BDC/IDoc.**
- Inbound Purchase Order Create. This interface receives information from the gateway through Crossworlds and creates the Purchase Order(s) Using **BAPI_PO_CREATE1. PO Change,** This interface receives information from the gateway through **Crossworlds** and changes the Purchase Orders by using **BAPI_PO_CHANGE.**
- Inbound Customer Master Interface- Designed / developed function module to create customer (**XD01**) by using **BDC**/**ALE/Idoc/EDI/RFC.**
- **Sales Ledger File (AR)** outbound interface is to transmit A/R data from SAP to BMW services, created an ABAP program. Its main purpose is to create an event in the **Crossworlds** event table. This program will be scheduled via a background job.
- Master Data load (Customer, Vendor, and Material) by using **LSMW**.
- Designed / developed Delete Open Uni-part Inbound Delivery Report, Automatic Payment Terms Change Report using ALV.
- Designed / developed report for GL Account, AP, AR, Profitability Analysis, Revenue Analysis using SAP Report writer and Report Painter.
- Modified USEREXIT_SAVE_DOCUMENT OF MV50AFZ1 and MV45AFZZ. The purpose of the logic is to determine the trigger point to raise **CrossWorlds** event for SAP delivery processing.
- Modified user exits related to Shipment Confirmation.
- Created new **transactions** for **Confirm Transfer Order.**
- Created new **transactions** (**RF**) **(Radio Frequency)** for manual Set Picking Status by **TO** / **Bundle** and **ZLE24** (**RF**) For System-guided "mark as picked". **Portable handheld devices: 16 lines by 20 characters each** by using **Screen/Menu** Painter (Dialog programming (Module pool programs).
- Modified print programs and created customized layout sets for Purchase order, foreign trade document for shipping, Sales order confirmation and Transfer order pick list for WM. Modified print programs and designed barcode labels for goods receipt (issue slip), customer shipping label for delivery and Put away label for warehouse using **Zebra 140XiII barcode printer** by using SAP Script.

**As a SAP/R3 ABAP/4 Technical Consultant in SIEMENS, India**

**Functions: MM, IM, WM, SD, and FI/CO     Version: 3.1i [Oracle]**                                **Oct'99 - Dec'00**

**As a SAP/R3 ABAP/4 Technical Consultant in Precision Bearing Ltd TATA Group, India**

**Functions: MM, IM, WM, SD, PP, FI/CO Version: 3.1h [Oracle]**                                **Jan'99 - Sep'99**

**As a SAP/R3 ABAP/4 Technical Consultant in Eicher Motors, India**

**Functions: MM, IM, WM, SD, PP, and FI/CO, Version: 3.0d [Oracle]**                                **Jun'97 - Dec'98**

**As a Programmer/Analyst in Grand Tools, India**                                **Apr'97 -May'97**

**Environment: Oracle, Developer 2000, SQL, PL / SQL and UNIX Project: Billing System**

**As a Programmer in Sri Ram Polly Packs, India. Environment: Oracle, Developer 2000 and UNIX  Jun'96 - Mar'97**

## Educational Qualification:

- Bachelor Degree in Engineering
- Diploma in ERP