# Pavitra

**SUMMARY:**

* Having 12+ years of experience as SAP ABAP HANA Consultant.
* Experience in developing, enhancing, troubleshooting interfaces as a PI developer.
* Experience with Project Management tools such as MS Project, JIRA, charm and SharePoint, solution manager.
* Having Technical experience as SAP ABAP/HANA, BRFplus, GTS, CRM,BRIM and SAP ISU consultant.
* Implemented multiple full life-cycle Green field projects.
* Expertise in continuous performance improvement.
* Worked on various projects to deliver integrations scenarios with Ariba, CRM, GTS, using integration platforms like SAP PI, Ariba CIG etc.
* Specialist in creating custom BRFplus applications, rules, catalog, application exits.
* Expertise in interfaces.
* Troubleshooting Fiori Applications.
* Good knowledge in activating Odata services.
* Good knowledge in Fiori Launchpad configuration.
* Expertize in identifying Fiori Apps, ODATA services and business roles per module according to the required versions, both on premise and cloud from Fiori library.
* Good knowledge in SAP GTS compliance management, customs management.
* Good Exposure to RAR Core features, Contract Modifications, BADIs for RAR customization.
* Good Functional Knowledge in ISU, MM, SD, FI, PM, CRM, PS, GTS, OTC, PTR, RTR Modules.
* Expertise in Troubleshooting interfaces issues from CIG.
* Good Exposure to BTP Integration Suite (CPI) cloud integrations.

## TECHNICAL SKILLS:

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| --- | --- |
| ERP | : SAP ECC 6.0. |
| ISU | : SAP CRM, SAP GTS, SAP RMCA. |
| Operating System | : Windows NT4.0, Windows 2000/98, Unix/Linux. |
| Programming Languages | : ABAP/4, C. |
| Database | : Oracle 8i, HDB |

**SAP R/3 EXPERTISE:**

**Report Writing:** Custom development of classical reports, Interactive Reports and

Oops ALV reports.

**Data dictionary:** Creation of Domains, Data Elements, Tables & Views, Structures & Lock Objects, Table Maintenance.

**Function Group:** Creation of function Module, RFCs, custom BAPIs with extensions.

### Conversion: BDC

**Enhancements:** BTE, BADIs, Enhancement Implementations, User Exits,Customer Exits,

Screen Exits, FI-CA Events, VOFM requirement routines.

**Interfaces:** ALE/EDI IDOC Configuration, Change Pointers, Message Control, BDBG process, Proxies, RFC.

**Modules:** Knowledge in FICO, PM, PS, PP, ISU, MM, SD, GTS, FICA.

**SAP ISU EXPERTISE:**

**Enhancements:** FICA Events, BDT,Mass Activities, EMMA, BRFplus, PMorder(BRIM).

**Interfaces:** PM order creation, change.

**SAP ABAP HANA EXPERTISE:**

**Concepts:** CDS Views, AMDPs, ODATA.

**SAP CRM EXPERTISE:**

**Conversions:** BDC for R3AR2 transaction for Requests creation.

**Enhancements:** Enhance WEBUI component.

**Middleware:** Monitoring BDOCs, Queues, Requests, and Replication of failed BPs to

CRM through custom FM configured in SMW00 transaction.

**SAP ARIBA EXPERTISE:**

**CIG:** Maintain connections, Custom mappings, deploy and test the mappings, trouble shoot issues through transaction tracker.

**SAP PI EXPERTISE:**

* Development, mapping, configuration, monitoring interfaces.
* Experience in configuring adapters REST, SOAP, FILE, SFTP, etc.

**SAP GTS EXPERTISE:**

**Compliance Management:**SPL, Embargo, License, Master Data setup.

## WORK EXPERIENCE:

**Project #1**

**Project Name : Amtrak DT (Washington DC)**

**Client : Amtrak.**

**Duration : Aug 2023 to Till Date.**

**Role : SAP ABAP/PI Consultant.**

## Implementation Phase:

* Worked on Interface to fetch OrgStructure, Employee data (HR) and place in Application Server.
* Worked on setting up new Receiver interface, Communication Channel to replicate Employee data from SAP to UKG (File to SFTP).
* Developed a new interface for Project Costs replication data from SAP to Appian(SOAP to REST):
* Developed outbound proxy to send Project cost data to Appian.
* Configured communication channels and routed data to multiple receivers based on EOY flag.
* Developed a new interface Project Cost reconciliation data from Appian to SAP(REST to FILE):
* Pull the data from Appian and place in Application server of SAP.
* Implemented new fields Employee ID of Supervisor , Employee ID of Business partner in the Outbound Benefits Interface and place in Application Server.
* Included new Wage types in the outbound P&A, FSA interfaces.

## Responsibilities:

* Study, understand and review functional specifications and check the technical feasibility.
* Preparing technical specifications, code according to the project standards.
* Preparation and Execution of Unit Test Plan.
* Monitor Interfaces, Communication Channels through message monitoring.

**Project #2**

**Project Name : Paragon, India**

**Client : Mercedes Benz.**

**Duration : July 2021 to October 2022.**

**Role : SAP ABAP HANA/CRM Consultant.**

## Implementation Phase:

* Generation of Table Maintenance with TMG events :
* Worked on OOPs ALV Reports to display.
* All imported vendor inbound deliveries for supporting the customs declaration process which can also be downloaded in .xls and .xml format.
* Internal consumption of traceable goods which has to be provided to Tax.
* Authority every three months where Merging Cells in Excel implemented through

.csv File Upload (MM)

* Changes in WebParts interface to add new Selection screen fields: Which sends the Stock updates to external System. .
* Changes to Customs Upload program to update Material Long description ,upload
* File from Application Server, custom fields in MARC.
* Upload Track & Trace Data relevant to ATTP serialization data
* (Serialization type, Valid date, GTIN, EAN) in MARA, MARC, MARM tables through BAPI through .csv File Upload.
* Upload data in Custom table for Traceable goods through .csv File Upload.
* Developed custom ODATA service to display ATTP data using CDS View.
* Monitor middleware queues for proper data replication between CRM & ECC systems.
* Worked on CRM Middleware configuration.
* Worked on interface (Iflow) to pull exchange rate data from SFTP and placed in SAP Application Server through BTP Integration Suite(CPI) using clound connector to connect on premise and cloud systems.
* Good knowledge in CPI palette functions like content modifier, request reply, etc.
* Good experience in Monitoring the Iflows, managing security materials.
* Developed report to display JPK data using CDS View.
* Developed report to display Customer Sales data using CDS View.

## Responsibilities:

* Study, understand and review functional specifications and check the technical feasibility.
* Preparing technical specifications, code according to the project standards.
* Preparation and Execution of Unit Test Plan.
* Troubleshooting the Issues related to interfaces.
* Mentored junior resources.
* Created BRFplus function to send the grade data to workflow class.
* Created decision table to maintain amount, release strategy, grade data.
* Created custom BRFplus application to for PO approval workflow based on amount and release strategy.
* Created application exit class for authorization check.
* Created catalog to maintain data in BRFplus decision table.
* Exposure to ABAP OOPS Concepts.
* Involved in Code reviews and suggested best coding practices.

**Project #3**

**Project Name : UATH, India**

**Client : UATH (UACJ).**

**Duration : May 2021 to July 2021.**

**Role : SAP ABAP/Ariba CIG Consultant.**

**Project Description:**

Project focuses on implementation of various developments within UATH integrated from SAP S/4 HANA to SAP Ariba through SAP Cloud Integration Gateway (CIG) for both SAP Ariba Buying (Indirect material) and SAP Ariba CA (Direct material) procurement processes.

## Implementation Phase:

* Implemented the below whenever Invoice is created from Ariba Supplier
* Network (Ariba CA Process):
* Customer Exit to Park the Invoice.
* Customer Exit to change the Vendor to Invoicing Party Vendor (based on Partner function in PO).
* Enhancement to archive the Attachment data from Invoice IDOC segments.
* Implemented Enhancement to send an email to the Buyer whenever PO confirmation is awaiting approval.
* Implemented Customer Exit to populate the IDOC text segment E1EDKT2 whenever PO is created or changed based on Custom fields.

## Production Support Phase:

* Implemented Custom Program to email PO form as PDF both to the Supplier and Buyer and linked to the PO Output type whenever PO is created (SAP Ariba Buying and SAP Ariba CA Processes).
* Implemented BADI in S/4 to validate the matching Reference number whenever GR Reversal is done from SAP Ariba Buying System.
* Ariba CIG
* Trouble shoot issues related to interfaces through transaction tracker.
* Custom Mappings test and deploy the mappings.

## Responsibilities:

* Study, understand and review functional specifications and check the technical feasibility.
* Preparing technical specifications, code according to the project standards.
* Preparation and Execution of Unit Test Plan.

**Project #4**

**Client : Pepsico (Plano, tx)**

**Duration : March 2017 to April 2021.**

**Role : SAP ABAP/HANA Consultant.**

## Responsibilities:

* Developed requirement routine to suppress the pricing condition on the condition tab of sales order based on contract number existence(OTC).
* Coordinating with functional team to understand the functional requirements end to end for complex projects to check the technical feasibility.
* Reviewed code and helped optimize and modularize the code.
* Mentoring junior team members was Part of the technical panel in the recruitment process.
* Designing the Technical specification from the functional specification
* Created Data Dictionary (DDIC) Objects like Search Help, Domains, Data Elements, Structure, Tables, Views and Lock Objects.
* Created Table maintenance generator to maintain reference deal number for discounted bank exchange rate for vendor payments.
* Developed custom ALV report to display Journal entries.
* Developed customer exit to add custom fields in the custom IDOC segments related to material master.
* Development, Configuration and monitoring of Interfaces (IDOCs) related to through change pointers Material Master.
* Experience in Developing ALV, Classical and Interactive Report.
* Debugged standard programs during production support phase.
* Monitored batch jobs related to interfaces.
* Prepared user training materials for end user.
* Developed Excel Upload program to update Asset Master Data(FICO/RTR) and Transaction Data (AS92 transaction) using BDC.
* Developed Enhancement to disable the Quantity and Price of PO line item in ME23N/ME22N if it is fully invoiced.
* Implemented BTE 1120(Process Interface) to populate Assignment field of Accounting Document Item data with the Purchase Order number whenever Invoice Posted in MIRO or Invoiced Reversed in MR8M transactions.
* Programming knowledge in ISU, MM, SD, FI, PM, CRM, PS, GTS Modules.
* Releasing the blocked documents by SPL screening and Embargo checks in GTS.
* Developed program for license upload.

**Project #5**

**Project Name : eNDC, India**

**Organization : Accenture.**

**Client : Benetton**

**Duration : August 2016 to Jan 2017.**

**Role : SAP ABAP/HANA Consultant**

## Implementation Phase:

### SAP AFS:

* + Implemented Customer exit in standard code MIGO to validate standard cost while posting material document.
  + Enhanced standard code FSH\_PIR to accommodate new fields season, collection, theme in the selection screen, schedulines tab and save the data in standard table.
  + Developed ALV to display stock report for vendors using CDS View.
  + Developed oops editable all with the provision of input field in the ALV output.

## Responsibilities:

* + Study, understand and review functional specifications and check the technical feasibility.
  + Preparing technical specifications, code according to the project standards.
  + Involved in performance tuning of existing objects.
  + Mentored junior resources.

**Project #6**

**Project Name : RIO, India**

**Organization : Accenture.**

**Client : Microsoft.**

**Duration : November 2014 to August 2016.**

**Role : SAP ISU ABAP Consultant**

## Implementation Phase:

### SAP RMCA:

* + Enhanced BUT000 through EEWB and added custom fields in include structure.
  + Enhanced BP Transaction using BDT Tool to accommodate Custom field.
  + Implemented FI-CA Events as part of Mass Activity where the custom field of BUT000 is updated based on the Custom field value determined from BRFplus rules.
  + Enhanced Standard Mass Activity transaction FPCRPO\_DET through FICA- Event.
  + Developed Custom Mass activity program for updating custom field of Business partner master data which has in built parallel processing.
  + Implemented Custom BRFplus Application.

**SAP ECC:**

Worked on change Requests related to Correspondence Program in Dispute Management module which triggers emails to the stakeholders whenever dispute status is changed.

**SAP CRM:**

Developed BDC program for R3AR2 transaction in CRM for Initial Replication of Business Partners, Contract Accounts from RMCA to CRM.

## Production Support Phase:

### SAP CRM:

* Enhanced CRM Web UI by adding custom attributes using Component Workbench.
* CRM Middleware: Worked on BDOCs monitoring, Requests monitoring, Queue monitoring.
* Developed program in RMCA to delete outbound R3AD\_BUPA\* queue after request load is completed for smooth flow of BPs, CAs to CRM.
* Developed Custom Program in RMCA and Custom RFC in CRM to replicate the Business Partners, Relationship Business Partners and Contract Accounts missing in CRM through Request load.

## Responsibilities:

* Preparing code, TS according to project standards.
* Check the feasibility of new objects.
* Mentored junior resources.
* Provide support during system integration testing and production issues.
* Resolving incidents and defects as part of post go live support.

**Project #7**

**Project Name : SAP Ignition, India**

**Organization : TCS.**

**Client : Juniper Networks.**

**Duration : Jun 2013 to November 2014.**

**Role : SAP ABAP/CRM Consultant.**

## Implementation Phase:

* Implemented BTE for Automatic Payment run Program to email the Payment Advice (Payment details, Invoice details) to respective vendors.
* Worked on Interfaces (Outbound ALE IDOCs), Change Pointers, Customer Exit, BTE to send BOM and Material master data.
* Worked on interfaces (Outbound EDI IDOCs), Message Control, requirement routine for Billing Document(OTC).
* Developed custom RFC in SAP ECC system to update the custom fields (SPL, Embargo, LIC, Build but not ship) in Sales Order (ECC) based on the data entered in SAP GTS through standard BAPI using extension(OTC).
* Worked on Screen Exit to add custom fields in Sales Order in ECC(OTC).
* Developed Table Control in Sales Order screen in order to accept multiple serial numbers per Sales Order Item(OTC)
* Developed Report (dynamic editable ALV) using OOPs concepts in order to update the Sales View, Plant View and Characteristics of a Material.
* Implemented BADI in ECC, in order to update the Purchase Order Item text values when PO confirmation is replicated from SAP SNC to SAP ECC.
* Implemented Enhancement in Sales order Exit to add the default child line items (Power cord items) to Sales Order Parent Items based on the entries in custom table for specific material types(OTC)
* Implemented Enhancement and Disabled all the fields in Sales order except user status and purchase order date for WWOPS user(OTC).
* Implemented Validations in Outbound Delivery Creation program.
* Updated delivery header text and Item field in ECC when carrier name and tracking number is updated through Event Management from SNC.

## Responsibilities:

* Developing ABAP solutions as per the design document requirements.
* Participated in Unit Testing, Code reviews and provide feedback.
* Interacting with the business, Analysts, and other IT delivery teams to understand the functional requirements.
* Raise and follow up with SAP for standard issues via OSS, Implement Relevant Notes.
* Coordinate with Offshore and Onsite Technical resources and with functional team.
* Provide Defect resolution including debugging complex scenarios.
* Worked on EDI 810 interface to update required fields through customer exit to Oracle System.
* Worked CRM Middleware configuration and troubleshooting BDOCs, Queues etc for BP replication from ECC to CRM.
* Enhanced inbox BADI to add additional dropdown values to the search component in Web UI.
* Updated GTS statuses SPL, Embargo, LIC in the segments of IDOC whenever PO is created or changed through Outbound EDI 850 to Oracle System.
* Configured Partner profiles for EDI 850, EDI 810.
* Prepare and maintain clear documentation that includes technical specifications, test conditions and plans.
* Releasing the blocked documents by SPL screening and Embargo checks in GTS.
* Maintaining positive list and negative list for SPL screening in GTS.
* Maintaining SPL Master Data.
* Worked on enabling change pointers for message types of Vendors, Customer Data automatically to SAP GTS as per scheduled jobs for both creation and change respectively.
* Trouble shooting document transfer and technical inconsistency of documents between Feeder and SAP GTS system.

## Production Support Phase:

Solved Incidents of type SR (new developments), CR as below:

* Developed Vendor Diversity Report using OOPS ALV to display the minority and invoice data of the Vendors.
* Added Suppler Currency field in Outbound Proxy Interface which sends Supplier details to External System.
* Implemented ‘Delta’ Option in Outbound Proxy so as to send only modified employees to External System.
* Preparation and execution of unit test case.
* Debugged the standard programs related FB60 etc. in Production.

**Project #8**

**Project Name : SAP IT SS, India**

**Organization : TCS.**

**Client : SAP AG.**

**Duration : Oct 2012 to June 2013.**

**Role : SAP ABAP Consultant**

## Responsibilities:

* Solved CSNs of type IM, SR involving issues related to configuration settings, data extraction (BI), financial monitoring, project creation, authorization, etc.
* Preparation of Solution documents.
* Analysis of customer requirements and development based on requirements.
* Creation and maintenance of Dictionary Objects like Domain, Data elements and Tables.

**Project #9**

**Project Name : NGUSFP, India**

**Organization : Wipro Technologies.**

**Client : National Grid.**

**Duration : July 2010 to October 2012.**

**Role : SAP ISU ABAP Consultant.**

## Implementation Phase:

* Implemented changes in Interactive report to display information regarding work order transactions (PM).
* Worked on Interfaces, BAPIs, BADIs to incorporate the below processes.
  + Post Accounting Documents. (FICO)
  + Work Order Creation, Change. (PM module)
  + Project Creation. (PS Module)
* Generation of Table Maintenance.333w
* Worked on OOPs ALV Reports to display.
  + Exchange Rates between two Currencies (FICO)
  + Payment Request Details related to In House Cash. (FICO).
* Implemented BTEs to validate accounting documents.
* Implemented Implicit Enhancements in the standard BAPI to populate the
* Logical System and Partner Profit Center in order to post Accounting Documents.

## Responsibilities:

* Preparing technical specifications, code according to the project standards.
* Analysis of customer requirements and development based on requirements.
* Creation and maintenance of Dictionary Objects like Domain, Data elements and Tables.
* Executed the Change Requests (CR) and fixed bugs.
* Configured the RFC destination, partner profile, port for interfaces integrating PI and ECC.
* Added new receiver interface for existing interfaces.
* Worked on Mapping, configuration of interfaces.
* Trouble shooting interface issues by monitoring messages and communication channel.
* Developed mapping for IDOC interfaces.
* Monitored interfaces through message monitoring, channel monitoring.
* Enhanced PM order transaction with additional tab.

## EDUCATIONAL QUALIFICATION:

* B.Tech Metallurgical Engineering from JNTUCEH Kukatpally (Hyderabad), 2010.