Manoj Mahajan
Sr. S/4 HANA ABAP and FIORI Consultant
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Technical Skills:

IT Experience: Having 10 Years of SAP Implementation (ECC & S/4 HANA), Support, Upgrade and Roll out Project Experience in ABAP.

- ✓ Two End to End SAP implementation projects.
- ✓ Roll out Projects
- ✓ Non-Deployment Projects: HCM Techno-Functional support.
- ✓ Two Upgrade Projects.
- ✓ Production Support Projects with Parallel Enhancements.
- ✓ Worked on FIORI App development
- ✓ Lead developer/Technical Lead/Solution Architect of multiple successful development projects and innovation initiatives using various Agile methodologies.

- ➢ Experience in SAP UI5 and FIORI along with ODATA programming.
- ➢ SAP Certified in BTP Extension Suite. C_CPE_13
- ➢ Knowledge in SAP BTP development and Cloud Foundry Runtime platform
- ➢ Hands-on development experience with Ui5, Node.js and ABAP.
- ➢ Knowledge of Side-by-Side extensibility concepts with hands-on experience building extensions.
- ➢ Hands-on experience with the SAP Business Application Studio and Experience with the Cloud Application Programming Model (CAP)
- ➢ Developed CDS Views, Table Functions and AMDP in HANA.
- ➢ Experience in SAP HANA data modeling using Attribute View, Analytic View, and Calculation View.
- ➢ Worked in SAP ABAP HANA, Fiori, UI5, OData, VDM , SAP ABAP/4 (RICEF), Webdynpro for ABAP, Work Flow, SAP Fiori elements for ABAP
- ➢ Experience in building CDS views with associations, joins, union, input parameters, table Functions and SQL expressions.
- ➢ Experience in BASIC, COMPOSITE AND CONSUMPTION VIEWS.
- ➢ Experience in VDM, annotations, enhancing or extending CDS views, nested views.
- ➢ Experience in exposing CDS views to ODATA.
- ➢ Experienced in ABAP Object Oriented Programming Techniques (OOPS).
- ➢ Experienced in Developing and Implementing RICEFW objects in SAP ABAP.
- ➢ Exception Handling: Procedural and OOP (class-based) exception handling approaches.
- ➢ ABAP Data Dictionary (database tables, views, data types, domains, type groups, search helps, and lock objects.)
- ➢ Experienced in Enhancement of standard functionality using User Exits, BADIs and Enhancement Framework, Adobe Forms.
- ➢ Expertise in reports, ALV and OOPS ALV that involved creation of new and modification of existing ones based on business requirements.
- ➢ Proficiency in debugging of SAP programs and performance tuning.
- ➢ Extensively worked on SAP Interfacing Technologies including BAPI, IDOC and RFC.
- ➢ Experienced in Module pool programs development including screens and menu painter, using ABAP Workbench tools. Experienced in Webdynpro and Workflow.
- ➢ Worked in SAP SD module with Pricing and Routines.
- ➢ Sound knowledge in the business processes in the areas of HR, approach in different areas of SAP HR sub-modules PA, OM, Benefits, Payroll, Time, ESS MSS and CATS Timesheet with several third-party interfaces.
- ➢ Good Experience of HR Info types and used LDB, Function modules, macros, and schemas for Reporting.
- ➢ Webdynpro and Floorplan Manager (FPM) Component Design and Development, Event Handling, all concepts of Webdynpro components like Internal Context Mapping, Navigation using Inbound/Outbound plugs, and Data Binding, Supply Function, Enhancements, Views and different controllers, Mapping Webdynpro with Workflow.
- ➢ Good knowledge and work experience in Logistics modules of Material Management (MM), Supply Chain Management (SCM), and Human Capital Management (HCM).
- ➢ Well Versed with AGILE Methodology and implemented them in my projects efficiently.
- ➢ A team player working effectively with in-group in accomplishing project objectives. A Team Leader leading their team to accomplish the best results.
- ➢ Excellent Written and Verbal Skills; Results oriented and Self-Starter looking for challenges; Ability to rapidly learn and apply new technologies and improve processes: Self-motivated and results oriented.

Work Experience:

IBM India Pvt. Ltd.	Sept 2021 to present
Birlasoft Limited	Jul 2019 to Sep 2021
Metro Services	Dec 2018 to Jul 2019
Schlumberger Limited	Jul 2017 to Dec 2018
Cognizant	May 2016 to Jul 2017
Infosys	Mar 2015 to May 2016
Tata Consultancy Services	Dec 2012 to Feb 2015

Education Summary:

Bachelor of Engineering in Information Technology from Rajiv Gandhi Technological University, Bhopal. Completed in 2012   .

Technical skills:

Programming Languages:	ABAP, Object Oriented Programming, SQL Script, JavaScript
Web Technologies	HTML5, CSS, SAP UI5 and XML
SAP Environment	S/4 HANA 1709/1909, SAP NW 7.4, SAP NW 7.0, ECC 6.0
Development:	SAP HANA Studio, ABAP Development tools (ADT), SAP FIORI
Databases:	SAP HANA & Oracle DB
Tools:	JIRA, REMEDY, CHARM, HP-ALMS, SAP Solman
Functional Areas:	SD, MM, HR, PP.FI

Project details:

Client: **MHIRJ, Canada**

Role as ABAP on HANA /ABAP HR Developer

- ➢ Working on 1909 Implementation project
- ➢ I am working in a Tech Lead role for implementation from Requirements Gathering to post go live support. As an Individual Contributor, my primary role is to Design and Build objects in ABAP on S4HANA such as: ABAP Reports, Enhancements, HANA AMDP Classes and CDS, HANA Calculation Views and custom OData interfaces. Acting as a Build Lead to three sub-projects spread over 2 releases, in these cases, my day-to-day tasks involved Actual Software Development as well as Task assignment, issues resolution, quality review, estimations and other development lead roles.

- ➢ Coordination with Business Users, Functional consultants for understanding the Business Requirements.

- Working on developing OData services / APIs for UI and CPI platform to be consumed via S4HANA system and ABAP 7.5
- Worked on a fully functional draft enabled BOPF application development as per the ABAP RAP model, created backend services for end-to-end draft enabled Quality notification Service lifecycle portal for Supplier based on CDS based BOPF framework.
- Developed Basic, Interface and Consumption CDS views for Quality Notifications, Corrective actions, assigned objects, published them as OData services, enabled create , delete , update services on them .
- Worked with UI5 team to generate the UI and integrate backend services with the frontend designs.
- Create value helps for corresponding fields on screen as dropdowns.
- Worked on configuring note types (for standard text) to be used in custom portal and to be integrated within the standard OData service for the notes creation and updating. Created custom data provider class for custom note types and integrated with standard service using custom helper classes.
- Generated actions on BOPF objects and called them via OData as function imports from URLs for custom application.
- Configured DMS object for QM for the standard attachment OData service, implemented the filter BADI required and mapped the attachments from custom application to the standard OData service by maintaining config tables necessary for document links in DMS.
- Wrote multiple determinations, validations to default line-item values, multiple actions draft values and activation and edit code
- Created CDS views and OData services for document subscription api using BOPF. Wrote determinations to default administration data in the objects.
- Worked on IDOC extensions.
- Created Odata service for Material reservation creation and change
- Created an API to update material forecast values coming from Syncron system to SAP material forecast view.
- Implemented a customer exit to populate a 3rd party AWB field value into BOLNR field for standard sap IDOC segment.
- Created an OData service to display adobe form into UI5 portal.
- Implemented a custom tab in vl03n to display reservation details as per custom requirement.
- Developed AMDPs corresponding to 3rd party Procurement and Material master interfaces to send out bulk data via interfaces to Syncron SCM tool and EmpowerMX MRO tool , leveraging the pagination concept directly to the database achieving code pushdown ,thus improving performance and avoiding rework.
- Automated the process of Task card creation (Service order in IW32) SAP using a deep entity odata service , which provided all CRUD functionality along with function import to change header level statuses for the order like Release , Complete etc.
- Configured custom semantic objects, Fiori tiles and catalogs for corresponding requirements.
- Worked on Concur to SAP GL account posting and implemented Tax code related enhancements.

Client: **Wilo SE**

Role as ABAP on HANA/FIORI Technical

- Worked on 1909 Implementation in April 2020.
- Coordination with Business Users, Functional consultants for understanding the Business Requirements.
- Lead and/or provide SAP application development support in assigned areas
- Lead and coordinate the work of a small development team
- Manage own workload, accurately estimate effort for tasks, and work with business users on priorities/goals, and work towards meeting those goals
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- Project Management and Team Leadership for the SAP development and support project
- Post Go-live support
- Developed CDS views using table functions for Material Master, Inventory, Suppliers
- Developed OOABAP Classes and Methods and using them in SAP Program/ Workflows.
- Created several ALV reports using OOABAP/IDA functionality.
- **GST India**: Implemented E-invoice functionality and generated QR codes based on the update received from IRN GOV portal, to be integrated into smart forms for various Invoice layouts with customer.
- Customized Standard Adobe form Templates for Purchase Order, Sales Order, Delivery note and Picking list as per customer format and uploaded to S4 Cloud to match the existing customer output format and customizations as fragments.
- Developed an ABAP program to mail the spool of FBL5N report to customer entities based on the layout selected and fields specified in the layout in the XLSX format as standard mail function has certain limitations.
- Developed MRP reports to create planned orders based on sales order based on an editable ALV report where quantity and Sales order details are available
- Developed custom HR module workflows, which are triggered during customized client processes for approval of NOC and Loan related Webdynpro applications.
- Created upload programs in ECC for Production order data upload.
- Created functionality for Production order changes in transaction CO02 by implementing a user exit by creating a custom table, which creates change log each time an entry is saved in Production order.
- Developed ODATA service as a generic tool using for updating standard SAP texts.
- Analyze the performance of the programs using SCI, SWLT, SQLM, ABAP Test Cockpit, and Enhanced Program Check and prepare Technical Specification Documents.
- Hiding unwanted fields from SAP Fiori screen for purchase order item.
- Deploying Custom Apps from SAP WEB IDE tool to SAP UI5 ABAP repository.
- Creating fiori catalog, tiles, target mappings and application aliases and mapping them to roles and applications in Launchpad.
- SAP FIORI implementation and Extensibility (Customization, Configuration and Routing).
- Design and developed ODATA Service for SAP FIORI and SAP UI5 project for a custom application in SD module.
- Implemented customer-exit to mimic change document functionality in CO02 transaction.
- Using BAPI_ PRICES_ CONDITIONS for condition records create/change/deletion flag.
- Developing a bar chart controls using SAP UI5 controls library to meet specific requirement to the client like show the expected Sales Value using VDM.
- Developed custom objects like screen elements in SAP UI5/SAP Fiori.
- Developed custom OData services for database operations.
- Used SAP Gateway Client for developed or enhanced OData service testing.
- Performed program performance optimization and performance tuning where necessary.
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Client: **Metro AG**

Role as SAP ABAP on HANA / ABAP HR Techo Functional :

- Worked as SAP Technical Specialist working on ABAP ,ABAP HR and FIORI in the Team.
- Worked on S/4 HANA 1709 implementation.
- Worked on the custom FIORI apps for Creation of Sales Order and Contracts with MVC.
- Created CDS Views to Display Sales order header and item details, generated OData services & Consuming OData services in Fiori App.
- Developed UI5 application and OData services for HR-LSO Training portal using SAP UI5 and SAP web IDE.
- Developed the Internationalization for FIORI app, which is used for Sales Order Creation, Change and Display.
- Extension of standard Fiori applications as required by the business using controller hooks and badis.
- Performance Improvement in SAP UI5 application using Lazy Loads.
- Worked on consuming the CDS views in system using OData Service.
- Configured CATS.
- Handling internal applications related to HR setup like ESS/MSS and Decentralized data maintenance system for infotypes and supporting various application. Supported SPAU and SPDD activity for SP Upgrades. Leading the team of 5 consultants, responsible for ABAP code Migration & Performance tuning and Gateway and HR-ABAP objects delivery. Developments lead and go to person for all technical solutions or issues at client site. Coordinated development activities with offshore team for status updates, clarifications and issue resolutions. Extensively worked on CATS Time entry (CAT2 , ESS , Fiori , custom WDA Time entry) process improvements. Worked on Infotype enhancements to stabilize time entry process. Worked on Few Reports related to HR-TM,PY area by extracting time data (CATSDB) and payroll data(PCL2). Automated Substitution (PA2003) creation processes by eliminating manual processes
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- Working on configuring and enhancing Fiori setup and extensibility topics for MyBenefits and My Paystubs web application.
- Working on Travel management webdynpro applications (FITV*s and POWL) and Floorplan manager GUIBBs, GAF OIF, and OVPs.
- Involved in new enhancements and interacting with business.
- Designed end to end utility program for creation of Learning system users in SAP and

Automatic role assignment.
➢ *Working on SP upgrades, SPAU SPDD, SPAU ENH and SAP notes implementation

➢ Developed SAP Queries for the report processing.
➢ Working with the Global Delivery and Core team to fix the existing issues in the HCM solution design.
➢ Work with several JIRA story.
➢ Worked under scrum team environment for multiple Product owners.

Client: Schlumberger Limited

Role as HR ABAP Techno Functional Consultant:

➢ Worked and acted as a customer in-house product **IBIS (International benefits in Schlumberger)** acting as SPOC for Vendor team for the Support and Enhancement Projects coordinating with a Team of five developers.
➢ Liaised directly with core business/domain users regarding Application Development estimations, acted as Business analyst, assisted users with Defect's resolution, Reviewed Solution Analysis and Requirement gathering.
➢ Responsible for the compliance of the ABAP team code review, track releases and resources that are met with programming standards.
➢ Configured CATS and international Payroll
➢ Managing outsourced tickets to vendors, Follow complete ITIL cycle and change management processes as per business rules.
➢ Functional testing of enhancements designed test cases and managed the documentation procedures in Confluence.
➢ Managed web portals created in Dot net borrowing the data via RFCs from SAP involved in SIT, smoke testing and LCP related testing in SAP after every SP update.
➢ Followed Scrum methodology for implementing the product features.
➢ Working on the Design of Interfaces, Enhancements and Forms.
➢ Experienced in Adobe Forms and Workflow Object development.
➢ Worked on the SAP migration of data from Legacy to SAP systems using LSMW and EDI/IDOC process.
➢ Developed end-to-end Custom My benefits payroll application and configured the fiori setup
➢ Worked on OData with different classes and methods to develop services. Bug fixes in Development and Quality and testing above all project and Fiori project with extension points and controller hooks.
➢ Used BADI HCMFAB_B_COMMON to incorporate all enhancements to standard Fiori apps.
➢ Implemented BADI HCMFAB_BENEFITPLAN_ENRICH and added custom fields in Benefits application-using extension includes and enhanced OData service HCMFAB_MYBENEFITS_SRV.
➢ Worked on PA/OM related Interfaces.
➢ Worked on Report development for Benefits Administration. Handling technical issues and IDOC, related enhancements worked on HR Configuration activities.
➢ Created a Pensioner kiosk interface exporting and importing details from web portal for the existing pension employees, mapping it to relevant wage types and payroll related posting via RFCs.
➢ Automated the Termination payment process via Interfaces, OData services and SAP UI5 portal.
➢ Configuration activity related to Personnel areas, Company codes and Wage types as per business need.
➢ Created and changed PCRs and Payroll programs as per business needs.

Client: Osram and Ledvance

Role as Consultant:

➢ Worked as an HR ABAP Technical Consultant in the Project.
➢ Design, estimation, and development of solutions.
➢ Enhancement Implementation to add custom fields in additional data tab of transaction PA30/PA20.
➢ Development of Authorization objects to obtain information from HR systems.
➢ MIRO BAPI Implementation: BAPI_INCOMINGINVOICE_CREATE
➢ Batch Job configuration
➢ Created ABAP Dictionary objects as per customer demand (Tables, data elements, domains, etc.)
➢ Worked on Interfaces specifically linked to 3rd party applications like Cytric ,Sumotal and Taleo.
➢ Worked and developed Feeder classes for custom FPM webdynpro components with GUIBB and data validation tools.
➢ Implementation of HR security roles and their assignment, Creation of new roles, Structural Authorizations.
➢ Managing workflows for Leave/Absence request or approval.
➢ Developed and changed reusable global classes,
➢ Performance tuning for existing applications
➢ Created and used Attribute, Analytical and Calculation views.

Client: Bombardier Transportation

Role as SAP ABAP Consultant:

➢ As a technical consultant, Process change requests, Analysis of Solution and Design of Technical development.
➢ Worked as an ABAP Consultant in Sales and Distribution, MM module for CORE solutions of BT.
➢ Coordinating with BP and offshore team to ensure fulfillment of business requirement & quality object delivery.
➢ Development & implementation of solution for Ceska Lipa Project (Rollout process in ECC).
➢ Development & implementation of solution for integrating web-based application (MySE Phase1 & Phase2) to ECC. The Sale Orders in MySE are replicated in ECC using the RFC Function Modules.
➢ Resolution and development the critical programs which have very high business impact in Sales and Distribution due to technical & performance issues as part of Solution stabilization project (Contract Assignment, Customer pricelist, Multiple Plant Material Strategy (ZZPL), Customer Proactive Information Report)
➢ Creation and printing of Handling Unit Labels.
➢ Reports for Data extraction.
➢ Clearing upgrade objects in SPAU and SPDD for upgrade from ECC 4.7 to ECC 6.0
➢ Analyzing data load objects finding reusable components within the system for the objects Developing LSMW's involving Direct, BDC and BAPI method. Validating loaded data in the system and transporting it to production system.

Client: Levi's Strauss

Role as ABAP Consultant (Pune, India):

➢ Worked on the User Exits in SD Module to meet the Business Requirements.
➢ Worked on the creation of Output requirement routines in Sales and output trigger as per the configuration.
➢ Developed SAP Scripts for Printing of Orders.
➢ Creation of start, field, and end routines in BW transformations
➢ Analysis and code reviews aiding BW team.
➢ Performance optimization
➢ LO Extractor RFC creation
➢ Order confirmation/Order Change confirmation to customer thru electronic data interface.
➢ Worked on the development and Enhancement of Complex Reports with OOPS ALV.
➢ Worked on Roll out for Czech Republic, Poland, Germany and India.
➢ Worked on the Extension of IDOC for Advanced Shipment Notification (ASN)
➢ Worked on LSMW – Standard Input, Recording, BAPI and IDOC Methods.

- ➢ Worked on the Creation of Custom BAPI and BADI.
- ➢ Prepared Technical Specifications and Unit Test Plan documents.

Client: Metro AG

Role as HR ABAP Consultant:

- ➢ The project was in SIT environment where the incidents are resolved on daily basis based on the priorities.
- ➢ Worked on issues related to PA/OM/Travel reporting in SAP HCM.
- ➢ Handled issues related to ESS/MSS, HCM Process & Forms, and SAP HR Enterprise Portal.
- ➢ Worked on POWL Webdynpro Application, Authorizations, Module pool Programming & Webdynpro
- ➢ ABAP Worked on HCM support pack upgrades and Note implementations for same using
- ➢ SPAU and SPAU_ENH. Changing existing reports, Customized Report on infotypes reporting
- ➢ Enhancing Standard Travel Application, Validations in standard PMS applications, Report
  In ECC to display HCM data, Automatic Creation of Portal ID and SU01 Users on Hiring,
- ➢ Enhancement for sending description of expense report to FI system.
- ➢ Handling SRs related to Data Migration to LSO system from Production systems and HR Master
- ➢ Added customer Extension to IDOC scenarios using WE31 WE30 WE82 based on customer requirements and implementing customer exits to populate customized data.

Client: SMB (Small and medium business enterprises)

Role as ABAP Consultant:

- ➢ Performed Syntax changes add-on objects/programs identified to have been impacted due to version upgrade.
- ➢ Performed code fixes for add-on objects/programs in scope for issues that may arise out of interface/third-party software testing.
- ➢ Performed **SPAU & SPDD** changes modifications that have been identified and documentation.
- ➢ Performed extended program check on all impacted add-on objects/programs.
- ➢ Developed/Rectified the add-on programs.
- ➢ Developed multiple reports and enhancement in SD, MM and FI modules.
- ➢ Addition of field in VA41 Standard screen.
- ➢ Enhancement in CJ20N for milestone date.
- ➢ .
- ➢ Configuration and Extension of custom IDOC types for MM/SD module in reconciliation
  Process
- ➢ Creation and maintenance of logical system.
- ➢ Worked on designing ALE/IDOC interfaces for various systems to facilitate data transfer.
- ➢ The application areas include MM and SD. Testing of inbound and outbound process while
- ➢ Dispatching IDOC from one system to another system. Distributed customer master and
  Material master data pertaining to plant/company code across multiple R/3
  Systems using filter object type.
- ➢ Configured SAP for ALE/IDoc processing. Logical systems were created for each client in an
- ➢ SAP instance, and each client was assigned a logical system. Definition of the Distribution
- ➢ Model, Ports, RFC destinations and Partner Profiles were set up.

Client: TCS Internal

Role as ABAP Consultant:

Worked on developing below tools for internal team:
Enhanced Code Inspector:

- ➢ This tool particularly was targeted towards the ABAP developers who find it cumbersome to
  Use standard code inspector, which misses many of the important, checks leading to poor performance and uncaught anomalies in the code.

Personal details:
Date of Birth: 15th October 1990
Place of Residence: Pune

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