

Name: Parth Patel

Current Role: SAP Technical Lead Consultant, at TCS

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Objective

Willing to work in challenging and creative environment where I can contribute in achieving project goal by leveraging my technical skills along with enhancing my professional as well as interpersonal skills.

Professional Summary

- More than 8.8 Years of Experience in SAP ABAP, at TCS
- SAP Experience in 3 SAP end to end Implementations, 2 Enhancement & Support Projects, 2 rollout projects and 2 Product development.
- Worked on ABAP on HANA programming, ABAP CDS View and AMDP and Migration to HANA Database.
- Expertise in SAP ABAP WebDynpro, FPM & SME for a support group in the Company. Extended my help for BOPF to other projects in the organization.
- Expertise in SAP Workflow and IDOC creation / Creating IDOC extension, Message type, Partner Profile configuration.
- Good Exposure of SAP Net Weaver Gateway and OData Services development
- Advanced knowledge for developing objects in Frameworks like BOPF, and BRFplus.
- Highly proficient in ABAP/4 Reporting, Dialog Programming, BDC, LSMW, Exits, BADIs, BAPIs, Enhancements, Adobe Forms.
- Exposure of SD, MM, FI, PM & ETM SAP Modules from technical point of view.
- Interacted directly with different project stakeholders – Senior Managers, Users and Key stakeholders in business at client sides.
- Good communication skills, Result Oriented, Quick Learner and Efficient Problem Solve.

Organization / Experience:

- Total more than 8.8 years of experience with only TCS since Sept 2010.

ABAP Technical Knowledge

✓ ABAP on HANA

- Worked in migrate HANA database, doing checking existing ABAP code compatibility to for HANA code-to-data mechanism and doing performance tuning as per HANA guidelines.
- Developed ABAP CDS View and AMDP method and extensively reuse them in ABAP program to get performance benefit of HANA.

- Knowledge on data modeling using Attribute View, Analytic View, and Calculation View.
- Modelling experience in SAP HANA Studio, usage of SAP HANA views in ABAP.
- Developed few custom ABAP Reports using Eclipse ADT.

✓ **ODATA Gateway**

- Have worked on ODATA gateway with all CRUD-Q (Create, Read, Update, Delete and Query operations) methods and Association and navigation properties of ODATA and also developed ODATA service using RFC and DDIC objects.
- I have knowledge on DPC (Data Provider Class) and MPC (Model Provider Class) and its method and query operation like filter, select, top and sorting.

✓ **BOPF(Business Object Processing Framework)**

- Created Business object using BOPF framework and integrate with FPM.
- I have knowledge on Node, Node elements like validation, determination, query, alternative key, Action etc.
- I have knowledge on generic feeder class for integrate BOPF Object in FPM.

✓ **FPM(Floor Plan Manager) and GUIBBs(Generic UI Building Blocks)**

- Worked on different components of FPM like OVP, OIF and GAF and also developed many application on this components.
- Developed application on different GUIBBs like List, Form, Tree, Search and Launchpad using feeder classes.
- Designed data transmission between two GUIBBs using wire schema and single tone class.

✓ **WebDynpro ABAP**

- Knowledge on WebDynpro ABAP architecture, UI Components, layout bindings, context, multiple component usage and OTR etc.
- Developed WebDynpro ABAP Application using component usage (OVS, ALV, Select Options), Implemented BAPI or RFC using service call in WebDynpro.
- Knowledge on navigation in WebDynpro using plugs.

✓ **OO ABAP**

- Worked on Object oriented programming Concepts
- Knowledge on global, Local, Abstract, Persistence, Interface and Exception class.

✓ **Workflow Designing, Configuration and Monitoring**

- Extensive experience in Workflow Development involving complex designs using deadline monitoring- auto escalations, repetitive reminders.

- Designed workflow with multiline work items, work item exit, attaching work items to emails, workflow administration, troubleshooting, workflow configuration and workflow extended notification configuration.
- ✓ **BRF plus**
- ✓ **User Exit, Customer Exit, BADI and Enhancement Spot**
- ✓ **Adobe forms**
- ✓ **BDC and LSMW**
- ✓ **Performance Tuning and Code Optimization**

Project Experience:

❖ **Project 1 (Customer Name: GSI, US)**

Role: SAP ABAP & HANA Lead Consultant, at TCS

Project Contribution Highlights:

- Analyzing the functional requirements and doing feasibility study of the requirements.
- Designed complicate Kit Status Management & Frontend Workflow with multiline elements and advanced steps in stringent timeline.
- Worked to migrate HANA database, doing checking existing ABAP code compatibility to for HANA code-to-data mechanism and doing performance tuning as per HANA guidelines.
- Developed ABAP CDS View and ADMP method and extensively reuse them in ABAP program to display shipping document header and item details, generated OData services & consuming services in Fiori App.
- Implementation of stored procedures to retrieve data from HANA database schema.
- Configured workflow and extended workflow notification.
- Created Shipping document business object in BOPF using various procedural models like determination, Action, Validation, alternative keys and Association.
- Extensively worked on the BOPF to manage shipping document business cycle.
- Designed complex shipping document form and other forms in Adobe forms.
- Worked on shipping document enhancement to automate creation from the requisition note in ETM module.
- Good working experience on ABAP static performance tools Code Inspector (SCI) with custom check variant and ABAP Test Cockpit (ATC) to optimize ABAP custom codes for HANA DB migration as well as Performance improvement of any DB.
- Developed Costing Gateway Engine (CGE) functionalities and configured the contracts.
- Worked on BRFplus API for CGE to define rules.
- Responsible for coordination between team members and status updating on regular basis to onsite team.
- Reviewing developments and extending help for developments to team members.

- Knowledge of using SQL Performance Tuning Worklist (SWLT) to combine static and dynamic performance analysis of ABAP code for HANA DB migration
- Part of Code Review Team to review overall RICEF in Project.

❖ **Project 2 (Customer Name: Muntajat, Qatar)**

Role: SAP ABAP & HANA Onsite Technical Consultant, at TCS

Project Contribution Highlights:

- Creating OData services - Entity Type, Entity Set & Implemented various service methods.
- Worked on Association and Navigation in OData.
- Created attribute, analytic and calculation views for Sales and Procurement modules as part of the current POC.
- Building CDS Views using HANA Studio & HANAXS Concepts.
- Hands on Experience in SAP Eclipse-ADT.
- Worked on all modelling activities creating Attribute, Analytical and Calculation Views.
- Worked on complex layout designs on ADOBE forms for Sales orders and Delivery Orders.
- Developed a workflow for parking Invoice for Transaction MIR7.
- Analyzing and monitoring workflow errors.
- Extensively worked on ABAP OOPs developments for reports and Adobe forms driver program.
- Worked on User Exit, BADI implementation.
- Part of Audit Review Team to review overall RICEF's in Project.
- Involved to find out solution of performance based issue for reports.

❖ **Project 3 (Customer Name: TetraPak, Singapore)**

Role: SAP ABAP Onsite Technical Consultant, at TCS

Project Contribution Highlights:

- Developed parts of Sales order Cockpit with dynamic UI element generations in WebDynpro.
- Enhanced current application to consider freight cost proportionally on customer distance and weight of product.
- Developed program to upload excel from Application server using XML model in SAP System to create Project notification automatically in system.
- Worked on WebDynpro, ABAP OOPs, BDC, and IDocs.
- Worked on Classical and Interactive Reports (ALV List, Grid Reporting).
- Performing various tests like Unit tests, Regression tests, and Performance tests.
- Prepared Technical Specification and Unit Test Document for Developed Objects as per Project Guidelines.

❖ **Project 4 (Customer Name: Warner Brothers, US)**

Role: SAP Technical Consultant, at TCS

Project Contribution Highlights:

- Developed Subtitle Reports with ALV Grid and select-options in Webdynpro.

- Developed Vendor WebDynpro application with dynamic UI element generation.
- Created enhancement frameworks, Implicit / Explicit enhancements for project modification in standard WebDynpro Components.
- Performed Unit Test and created Unit Test Document.
- Prepared Technical Specification and Unit Test Document for Developed Objects as per Project Guidelines.

❖ **Project 5 (Customer Name: Abreu Advogados, Portugal and Shoosmiths LLP, UK)**

Role: SAP ABAP Developer, at TCS

Project Description: LMS Product Implementation and Development Project

Contribution Highlights:

- Created Enhancement frameworks, Implicit/Explicit enhancements for product modifications in Billing and Finance WebDynpro applications.
- Worked on Component Usage, FPM, select-options, ALV grids, OVS, Service call and Supply Function in WebDynpro.
- Developed and designed product application with the FPM, Feeder Class and GUIBBs like Form, List, Search, Tree, Chart, Launchpad, Composite and Form Repeater.
- Worked on the Flex process implementation which allowed calculating negative hard cost at the time of Billing for matter.
- Worked on Module Pool Programming, BADi Implementation, Customer Exists, User Exists.
- Developed a WebDynpro Application for Credit memo/Debit memo of and after saving data, a Workflow was triggered and move to multiple approver and the Final approver had the option to generate invoice for the document.
- Developed Billing Aging Reports using ALV Grid and Interactive Reports.
- Worked on various DDIC development objects.
- Preparing the deliverable documents e.g. Technical specification, Design Document and Test Scripts of Developed Objects.

❖ **Project 6 (Customer Name: SAP AG, Germany) –**

Role: SAP ABAP Consultant, at TCS

Project Description: Confluence Product Development

Project Contribution Highlights:

- Developed FPM application to manage and report changes in Projects.
- Developed Feeder Class using OO ABAP for UIBBs like Form, List, Tree, Search and Launchpad.
- Worked on BOPF with creation of Node and Node Entities like Actions, Validation, Association, Determination and Query.
- Developed BRFplus Object.
- Understand the Product functionality and prepare Technical design documentation for Development objects.
- Followed agile methodology for the project execution.