CONTACT

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EDUCATION

B.Tech in Electrical and Electronics Engineering

SKILLS

- SAP BTP
- SAP ABAP on Cloud
- SAP ABAP on HANA
- RAP (RESTful ABAP Programming Model)
- SAP Workflow
- ODATA
- ABAP 7.4 syntax (New Syntax)
- PLM Technical
- TM Technical

TOOLS EXPERIENCE

- SAP Cloud Platform
- SAP GUI
- ABAP Development Tools in Eclipse
- SAP SOLMAN
- POSTMAN

AWARDS

- Project Star Award at Capgemini
- Outstanding Award at Deloitte USI
- Applause Award at Deloitte USI

Current Employer

- SAP India Pvt. Ltd.

Previous Employers

- Deloitte India (Offices of U.S.)
- Accenture
- Capgemini India Pvt. Ltd

Amulya Pathak

SAP BTP and S/4 HANA Senior Technical Consultant

SUMMARY

- As a S/4 HANA-ABAP and BTP Senior Consultant with 7.4 years of IT industry, having work experience in developing ERP applications using SAP.
- Involved in 9 full life cycle implementations for major customers in Health Care, Consumer Goods and Services, Aviation, food processing and commodities, agricultural and transportation services.
- Experience in all the phases of Software Development Life Cycle (SDLC) in Agile methodology such as Planning, Analysis, Design, Implementation, Testing and Maintenance.
- Good Knowledge in BTP, S/4 HANA and ABAP modules of SAP. Excellent ABAP / Workflow / BRF+ / PLM / BOPF / ODATA / RAP development and analytical skills for RICEFW.

Technical Expertise

SAP BTP

- Worked on development of application creation using Business Application Studio with help of RAP model.
- Worked on BTP workflows with SAP Build App service.
- Hands on experience in creating various Automation BOTs as part of LOW CODE NO Code in SAP Build Process Automation service.
- Worked on different kind of Automation projects using API, UI, SAP GUI and BOT store.
- Hands on experience in configuring various services and setup of account/sub account in BTP.
- Worked on event mesh in BTP to send events from S/4 on Prem to BTP for different technical services.
- Having experience in integrating SAP Build and Joule in BTP to adapt functionality of Generative AI.

SAP ABAP on HANA (S/4 HANA)

⚡ CDS View (Core Data Service)

- Hands on experience in developing CDS View and consuming it in ABAP Program, ODATA services through annotations.
- Created various ODATA services using CDS annotation and used CDS view in SEGW project as well to create ODATA services.
- Extended various CDS views for different FIORI application (Engineering Record, Manage Sales Price App, Manage Sales Order)

to add additional fields and search help on fields in FIORI screen.

- Extended various CDS views for different FIORI application (Engineering Record, Manage Sales Price App, Manage Sales Order) to add additional fields in FIORI screen.
- Worked on CDS virtual element concept to have additional properties in business process of customer.
- Hands on experience in developing various CDS view with Table Function in ADT.
- Hands on experience in developing VDMs (Virtual Data Models) with help of CDS view to achieve business requirements for various customers.
- Worked on associations, currency and unit conversions, expressions and operations in CDS view to achieve complex requirement.
- Hands on experience in developing various in App extension using CDS views to add custom fields in FIORI App. This has been achieved using CFL App (Custom Field and Logics).
- Worked on different type of annotations to enhance FIORI app's UI screen and search help attribute using UI, Semantics and Consumption Filter etc.

⬥ AMDP (ABAP Managed Database Procedure)

- Developed AMDP in S/4 HANA system to have manipulations on BOM report. This is hierarchical in nature and have written complex logics using SQL script inside AMDP class. This one achieved through ADT (ABAP Development Tool) in Eclipse.
- Hands on experience in developing various CDS View Table Function with AMDP class to have complex and imperative logics which were not achievable through CDS view. Consume select options as well through AMDP in S/4 HANA.

⬥ ODATA

- Hands on experience in developing various ODATA services using SEGW T-code, RAP and CDS view annotations for different business requirements.
- Worked on development and testing of CRUD-Q operations for various ODATA services using GET, CREATE, PUT, PATCH and Delete Methods. Hands on experience in registering and testing the services in gateway client.
- Developed ODATA services for Fragment based ADOBE forms to have custom template of purchase order and goods receipt in Maintain Form Template Fiori App.
- Worked on development of end-to-end custom FIORI application using ODATA services in Business Application Studio service of BTP platform.
- Having good experience in troubleshooting ODATA services for FIORI applications.
- Worked on handling of deep structure using $expand and get/create expanded entity sets methods in ODATA.
- Hand on experience in handling Concurrency using ETAG and time stamp field in ODATA service.
- Implemented Functional Imports using method Execute Action in ODATA service to handle requirements which were not achievable through CRUD-Q operations.
- Worked with various URIs in ODATA like as Pagination, Sorting, Filter, Association & Navigation properties, Search string.
- Hands on experience in using POSTMAN tool to test various ODATA services and REST APIs.

⬥ WORKFLOWS (Flexible and Classical)

- Designed end to end complex custom Flexible and Classical workflow objects like Sales order, Journal Entry Verification (Finance Document), Payment Proposal, Bank Master Data, Sales Pricing, Project System, Engineering Record, Accrual Engine, Purchase Requisition, Purchase Order, Material Extension, Freight Order, Intercompany Invoice.
- Enhanced various standard workflows for different processes like VIM Invoicing (PO and Non-PO), Credit Memo, MDG Change Request creation, MIRO Invoicing.

- Hands on experience in customizing and configuring Flexible Workflows from Manage Workflow App in FIORI.
- Added email functionality in Workflow using new standard Maintain Email Templates application in FIORI.

- Worked on different Agent Determination Technique in workflows using enhancements, BRF+ rules and Functions.
- Hands on experience in setting up deadline monitoring in workflows to add functionality of reminder and escalations emails / work items.
- Worked on program exits in user decision steps and check function module in event linkage to provide more business-oriented functionality.
- Handled parallel processing in workflow using fork steps (Classical WFs) to accommodate multiple operations and consistency to workflows. Developed various block steps to handle parallel and sequential operations.
- Hands on experience in troubleshooting of workflows in various environments. Worked on both type of workflow development styles – Business Object and Class based. Extended the BOs to add custom functionality in workflows.

RAP (RESTful ABAP Programming Model)
- Hand on experience in developing Managed and Unmanaged scenarios for Greenfield and Brownfield implementation project.
- Developed various workflow reports using managed scenarios with RAP framework for tracking of workflows.
- Worked on EML (Entity Manipulation Language) with CRUD operation to use RAP Business Object and connect with ABAP program to achieve complex business requirement.
- Handled validations, actions and determinations using RAP BO for custom applications in FIORI.
- Implemented various Behavior Definition and Behavior implementation using class pool and behavior pool in RAP framework. Developed service definition and service bindings to generate ODATA services.
- Developed various Metadata Extensions to add different UI annotations and functionality in projection view to handle complex business logics for RAP Framework.
- Worked on draft, side effect, precheck and augment for different business requirements.
- Developed FIORI application using RAP in Business Application Studio (BAS) service of BTP. Worked on attachments in RAP framework to handle mass data volume.

BRF+ (Business Rule Framework)
- Hand on experience in developing BRF+ applications for workflow agent determination process. Handled rule set, decision tables and created BRF+ function to consume in the program as well.
- Worked on output determinations using BRF+ as part of NACE replacement for purchase order, goods receipt. Handled email notification configuration as well.
- Designed various BRF+ applications as replacement of customizing tables (Using Decision Tables) and integrated BRF+ Tables with PLM (Product Lifecycle Management) module for different sub processes like Engineering Record, Recipe management etc.

OOPS ABAP (Object Oriented Programming) and ABAP New Syntax (7.40+)
- Worked on all the core OOPS concept like as Inheritance, Polymorphism, Abstraction and Encapsulation in various requirements.
- Hands on experience in developing Singleton, Abstract, Exception and Persistent Class for various business requirements while developing complex objects.
- Implemented wide and narrow casting to handle super class and sub class instances. Created and used interfaces in classes.
- Hands on experience in developing objects based on new syntaxes like as VALUE#, BASE, CORRESPONDING, NEW, FILTER, COND, SWITCH, REDUCE operator and Inline declaration. This improved code performance to very good amount.

ENHANCEMENTS

- Worked on different enhancement technique like as BADI, Customer Exits, USER Exit, BTEs, Class Pre/Post/Overwrite exits to achieve complex business requirements in different process areas.
- Implemented various Kernal and Classical BADIs and sorting of implementations using BADI_SORTER. Also implemented Customer exits using CMOD transaction for various business requirements.

- Hands on experience in developing enhancement using Enhancement framework, explicit enhancement options (Enhancement Point, Section and Enhancement Spots).
- Enhanced FPM (Floor Plan Management) screen for Engineering Record process to add multiple buttons for having functionality like as Digital Signature, Audit log of Digital Signature.
- Implemented various enhancements in BOPF (Business Object Processing Framework) using actions, determinations and validations for SAP TM Module.

INTERFACES

- Developed various custom Inbound/Outbound interfaces through ALE-Idoc / PROXY / ODATA API for Master data interfaces (Customer/Supplier), Material Master, Bank Master, Good receipt from S/4 to Coupa, Deliveries from S/4 to third party, Inbound delivery creation, Sales order, Purchase order from/to S-4, GL/AP Posting, VIM image processing, Specifications from SAP to PLM and testing in SAP for data flow.
- Hands on experience in developing Interfaces of ODATA based APIs to handle batch management in S/4 system.
- Worked on Warehouse Management Interfaces like as Inbound Delivery, Outbound Delivery, Goods movement with batch management. Provided lots of customizations to achieve customer requirement using IDOCs.
- Extended various IDOCs from WE31 T-codes and worked on generated IDOCs which are handled by BDBG and BDFG T-code and Business Object Repository.

FORMS

- Worked on ODATA Based ADOBE forms (Fragment Based) and configured in Maintain Form Templated for Purchase Order and Good Receipt using Adobe Live Cycle Designer.
- Created various Smart forms in Sales & Distribution and PP-MQM for Invoice, Sales Order Acknowledgment and Confirmation, Delivery Note, Labels, Certificate of Analysis, Process Order.
- Hands on experience in creating driver program and configuring in NACE and BRF+ Application.

REPORTS

- Developed various workflow reports using addition of workflow containers to display logs. This helped in checking status of workflow, to whom work-item is pending, next level approver, current / previous level approver's comment, decision (Approve/Reject) etc.
- Hands on experience in developing complex reports using OOPS ALV, RAP application and classical ALVs.

Additional Topics

- Created various conversion objects for Data Migration from migration cockpit using LTMC and LTMOM T-code.
- Implemented various objects based on ABAP Code Block Technique as replacement of TVARVC and creation of control tables. This is OOPS ABAP based concept like as Singleton class. This also improved code performance as well.
- Implemented AIF (Application Interface Framework) in various Interfaces developed. This resulted in easiness to check Interface log / reprocessing of IDOC.
- Worked on new Transport Request creation system like CHARM (Change and Release Management) and SOLMAN.
- Implemented various SAP notes in the system performing manual activity.
- Developed program through OOPS ABAP and ABAP new syntax for better performance and compatible with cloud-based system.

Roles and Responsibilities

- Strong problem solving, Team Leading & Technical skills with confident decision making for enabling effective solutions leading to high customer satisfaction and low operational costs.
- Working in various SAP process streams (SD, PP, MM, FI-CO, Projects, PLM, MQM, TM etc.) for different business requirements.

- Lead Team of 6~8 members for workflow and PLM Developments effectively. Mentoring and reviewing developments wherever it's required.
- Organizing BTP / workflow / BRF+ / TM Technical trainings inside Team and at organizational level to groom up new resources. This results in creating good team as per cluster model and making impact in whole organization.
- Participating in planning / solution designing session of complex problems. Conducting session daily with business to provide best solution for ongoing technical issues. This results in very good design of objects without any gaps.
- Participating in ABAP Code optimization and performance tuning using SQL trace tool, runtime analysis, and Code Quality Review.
- Working closely with Functional consultant and leads in design of solutions and enhancements.
- Strong Gap Analysis experience and resolving Technology issues.
- Preparing presentation for each object delivery during DEMO with System analyst and Product Owner, working Experience in DevOps/Solman tool, Scrum call management.
- Overall responsible of Developments along with the requirement analysis, time estimation, code review, testing, performance tuning and on time deliverables.
- Excellent team member possessing good communication and interpersonal skills. Take up assignments with enthusiasm and challenges, playing positive role in the team and ability to interact with individuals at all levels.
- A competent professional, with proven technical proficiency & practical experience, gained with time.
- Potential of handling multiple tasks, capable of meeting deadlines, highly flexible, management of resources and motivating resources for better performance.

Projects

Name	Client	Role	Duration
CBI (Implementation)	Constellation Brands	BTP Process Automation Consultant	March 2024 – Till now
STEF (Implementation)	STEF	BTP Process Automation Developer	Nov 2023 – Feb 2024
Nomeco Pharma (Implementation)	Nomeco Pharma	S/4 HANA-ABAP Senior Consultant	Oct 2022 - Oct 2023
Blue Stream (Implementation)	GiLead Science	S/4 HANA-ABAP Consultant	July 2021 to August 2022
HD Supply (Implementation)	HD Supply	S/4 HANA-ABAP Consultant	May 2021 to June 2021
1ADM (Implementation)	Archers Daniel Midland	S/4 HANA-ABAP Developer	Dec 2019 To May 2021
Opera (Implementation)	Imerys	S/4 HANA-ABAP Developer	Feb 2019 To Nov2019
WHAT SAP CARBON (Implementation)	SAFRAN	S/4 HANA-ABAP Developer	June 2018- Jan 2019
HACAT1	Dassault	S/4 HANA-ABAP Developer	Dec 2017 To May2018

(Implementation)	Aviation		

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