

VAMSI SURAPANENI

SAP ABAP Workflow | FIORI – UI5 | CAPM | CPI | BTP|MDG|EWM

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PROFILE

An SAP BTP Consultant capable as a Full stack developer in ABAP, FIORI, SAP UI5, CAPM – Node.js and SAP BTP services. Have experience of MDG Finance/BP/MM & EWM technical developments. Involved from workshops from discover, explore, and build phases of more than four SAP S/4 HANA transformation projects in different lines of business including Retail, Manufacturing, Pharmaceuticals, Food & Beverages etc. Have BTP experience in Launchpad services, Workflow, CAPM on cloud foundry.

PROFESSIONAL SUMMARY

- ✓ Around 13 years of experience as SAP ABAP Workflow Developer.
- ✓ 5 years of experience as SAP FIORI/UI5 developer & 2 years of experience as SAP BTP (CAPM, RAP & FIORI UI)
- ✓ 2 years of experience in SAP EWM & MDG development.
- ✓ 2 Years of experience in SAP CPI integration Iflows (Deploy, Activate & Trace Analysis)
- ✓ Involved in 4 S/4 HANA Implementation & AMS Support, 6 ECC Implementation & Support, 3 Upgrade ECC to S/4 HANA, 1 Roll-Out Projects.
- ✓ SAP Business Technology Platform – Launchpad services (Build Work Zone) configuration, XSUAA authentication and authorization mechanisms.
- ✓ Experience in development of Cloud Application Programming Modelling using NodeJS.
- ✓ Incorporated connectivity, destination, workflow, HANA cloud and XSUAA services.
- ✓ Experience in RESTful ABAP programming model (RAP).
- ✓ Experience in implementing FIORI on S/4 HANA 1909/2020/2021.
- ✓ Activated & Extended Standard FIORI applications as per business requirement.
- ✓ Developed Custom OData services using SEGW.
- ✓ Created CDS views and CDS entities, OData, Custom table in Cloud using CAP.
- ✓ Implemented Native CAP based OData Service.
- ✓ S/4 HANA Key-user Enhancement, Custom Business Objects and FIORI elements app extension framework.
- ✓ S/4 HANA Side-by-Side extension, integration with BTP Cloud Foundry.
- ✓ Developed Custom Workflows for Vendor Master, CMR, Internal Order, DMS creation & Change, Shopping Cart (SRM), PO/PR.
- ✓ Activated & Enhanced flexible workflows for Purchase Orders/Purchase requisitions/Supplier Invoices/SES.
- ✓ Created CPI IFLOWS & deployed for 3rd party applications (Fedx, UBS, Crane, SF, Zalendar etc.) using different adaptors (SFTP, IDOC, REST API, SOAP etc)
- ✓ Worked on MDG -F/MM/BP applications (Data Modelling, UI modelling, Data Replication) as MDG Technical Consultant.
- ✓ Worked on EWM ABAP (RF Screen Enhancement, HU Print Forms, PPF Profile)
- ✓ Performed ATC checks on HANA DB for variants Functional DB during Pre-Conversion.
- ✓ Performed SPDD/SPAU/SPAU_ENH as a part of upgrade activities.

- ✓ Worked on Functional areas SD, MM, FI, HCM, PP, MDG, EWM, DMS etc.
- ✓ Good experience in applying OSS Notes using transaction code SNOTE.
- ✓ Hands-on experience in RICEF developments.
- ✓ Developed Reports using OOABAP (Classes & Methods)
- ✓ Extensively used SAP tools like Debugger, SQL Trace, Run time Analysis, Extended Program Check, Dump Analysis.
- ✓ Developed and modified Forms using Smart forms, SAP Scripts.
- ✓ Experienced in Debugging and troubleshooting of ABAP programs.
- ✓ Proficient expert in DDIC objects.
- ✓ Working experience with JIRA Cloud, HPLM, Service Now Tools for Incident & Change Request

ON-SITE ASSIGNMENTS & VISA STATUS

- ✓ Travelled to Middle East/Germany/US for POS & Project Workshops/Kickoff meetings.
- ✓ Valid H1-B Visa.

EDUCATIONAL QUALIFICATIONS

- ✓ Bachelor of Engineering in Computer Science and Engineering from JNTU.

EMPLOYMENT DETAILS

Organization	Designation	Duration
Daimler Truck (Mercedes Benz Group)	SAP Full Stack Developer	Mar 2023 to May 2024
Birla soft Ltd	Sap Full Stack Developer	May 2020 to Mar 2023
E-Zest Solutions Ltd	Sap Technical Lead	Dec 2018 to May 2020
Fujitsu Consulting India Pvt Ltd	Sap ABAP Consultant	Nov 2017 to Oct 2018
Microcom Solutions Pvt Ltd	Sap ABAP Consultant	Nov 2015 to Sep 2017
JH Softech	Sap ABAP Consultant	Dec 2014 to Nov 2015
Accenture Services Pvt Ltd	Sap ABAP Consultant	Nov 2013 to Dec 2014
Choice Software Ltd	Sap ABAP Developer	Mar 2010 to Oct 2013

PROJECTS SUMMARY

PROJECT: 15

Client : Daimler Truck (Mercedez Benz Group)
 Role : Full Stack Developer
 Modules : WM, EWM, TM, SD, FI, MM
 Environment : S4 Hana 2021
 Period : Mar 2023 to May 2024

Responsibilities:

- Enhancement to build sequencing logic for staging components.
- DMC Label Scan in RF.
- Worked in EWM warehouse monitoring and have done custom enhancements for custom warehouse monitors.
- Worked on the extension for Putaway/Picking strategies for reshuffling the storage bins.
- Worked on various enhancements and developments in inbound process, outbound process, physical inventory, Grant Delivery creation, EWM posting change.
- Custom PPF actions for Workflow developments.
- FU, FO, FSD worklist enhancement.
- Enhancement on text field to be included in tendering mail to forwarding carriers.
- Enhancement on Populating of Transportation planning date in FU from ASN.
- Developed Adobeform on Transportation Road waybill which is used a BOL.
- Enhancement to provide ability to reprint HU Labels.
- RF Screen Enhancement to add a field for party entitled to dispose (Plant).
- Adobeform development for printing pick HU label.
- Enhancement for Warehouse product master extension.
- Integration with UPS to obtain shipment status with customized and tracing for parcels (CPI IFLOW)
- Integration with Fedx to obtain shipment status with customized and tracing for parcels (CPI IFLOW)
- SES mapping from S/4 to Ariba via CPI.
- Developed Custom Flexible workflow for Manual Journal Entry (Park & Post) using Manage Workflow, Manage Teams & Responsibilities, Maintain Email Templates, My Inbox FIORI Apps.
- Developed Custom flexible workflow for to post the parking document which is generated via PNBS interface (IDOC).
- Developed Custom classical workflow for AR invoice & credit memo.
- Developed custom interfaces (OData services via CPI) for 3rd party systems.

PROJECT: 14

Client	:	Baxter International
Role	:	BTP CAPM Consultant
Modules	:	PP, FI, SD
Environment	:	S4 Hana 2021/ SAP Public Cloud
Period	:	May 2021 to Mar 2023

Responsibilities:

- Created HANA tables/views/HDI Containers and exposed them as OData service using CAP & deployed.
- Enabled and Consumed BTP services (SAP Form services by adobe, Print Service, Destination Service, Build Zone, BAS)
- Developed and exposed managed & un-managed scenario-based OData services through RAP Model
- Developed Custom UI applications based on the business requirements.
- Worked on different BTP services like XSUAA, DMS, TMS & CI/CD)

- Built native cloud application in BTP using CAP which expose data from Cloud Foundry
- Built Workflow for the sequential level of approval.
- Developed FIORI elements application with CAP.
- Consumed REST API in SAP CAP using BTP.
- Binding CAP Application with Forms Service Instance.
- Created custom task UI, Workflow Form, build & deploy workflow module.
- Transport and deploy logs to trace the details while transporting MTA archive between two subaccounts.
- Output Determination using BRF+ for the business decisions.
- Created CPI IFLOWS (Zalendar, Fedx, UBS, Crane, SF) using different adaptors (IDOC/SOAP, REST API, SFTP etc) & deployed.
- Troubleshooting CPI Iflows using Message Monitoring logs & Trace analysis
- XML to JSON & CSV conversions for message transformations, Groovy Script handling in CPI integration flow.

PROJECT: 13

Project	:	Carters Inc
Client	:	Carters, USA
Role	:	Technical Lead
Modules	:	FI, FSCM, VIM, MDG, CRM
Environment	:	SAP S4 Hana 1709/1909/2021
Period	:	Mar 2021 to Mar 2023

Responsibilities:

- ✓ Developed Program to automate ICC (Intelligent Capture) monitoring tool for missing & Failure IDOCS
- ✓ RCA for Failure IDOCS where it is determining incorrect document type for 3rd party to SAP system document postings.
- ✓ RCA on FAGL_FCV standard transaction on determining incorrect cost centre while doing new postings
- ✓ Developed Program for Mass uploads of Asset Retirement Transfer & Asset Creation ZABUMN & ZABAVN using BAPI_ASSET_RETIREMENT_POST & BAPI_ASSET_TRANSFER_POST
- ✓ Developed program ZAPRINV for Intercompany sales (OMINA to SAP) postings with USD currency. Process is to Automate a journal entry in the retail company based on an accounting schema defined in the wholesale company.
- ✓ Developed Interface program for AP Direct Invoices to SAP (INBOUND IDOC FM Z_PTP_IDOC_IN_APIINVOICE) for Vendor payment post document.
- ✓ Added custom fields to the standard /opt/vim_analytics report output.
- ✓ BADI Implementation for VIM Analytic Report on Requestor & Approver Information against Current Role
- ✓ Developed MEXICO GL upload interface program through mapping of GL/Cost Center/Profit Center
- ✓ Document processing through Enterprise Scanner (EP) as inbound to Open Text VIM business center/workplace & its validations using single click functionality.
- ✓ Customized BADI for VIM Requestor Approver/Financial Approver/Indexer/Coder/NPO for the Invoice.
- ✓ Design & Development VIM Approval Workflow.

- ✓ Mass Determination of Cost Center/Profit Center/Internal Order with & without hierarchy using CR (Change Request) type in MGD-F UIBB Application
- ✓ Extended Parallel Workflow based on conditions/rules for Cost Center/Profit Center Mass update hierarchy approvals
- ✓ COUPA Integration with SAP on Vendor Master (API Development)
- ✓ Activated flexible workflows for Supplier Invoices/SES/PO/PR & it's customizations using BADI's
- ✓ My Inbox FIORI App configuration set up.

PROJECT: 12

Project : NEC Display Solutions of America
 Client : NEC, USA
 Role : Technical Lead
 Modules : SD, FI, MM
 Environment : SAP S/4 Hana 1909 & Public Cloud
 Period : May 2020 to Mar 2021

Responsibilities:

- ✓ Adobe forms Invoice & Debit memo changes using Adobe lifecycle designer in S/4 Hana Cloud
- ✓ Output Determination using BRF+ for the adobeforms
- ✓ EDI 945 inbound transaction field extensions for warehouse shipping Advise (SOAP API)
- ✓ Standard API activation, finding communication arrangement for standard API & create communication system.
- ✓ Custom API development & Activation (finding out standard CDS view & create additional fields into Custom CDS view)
- ✓ Creation of Custom CDS views & expose data through OData service
- ✓ Creation of Custom Business Objects & UI, implement logic for custom business object
- ✓ Create custom fields to standard Fiori App using CFL (Custom Field & Logic) Business Context.
- ✓ Added new pre-conditions in S4 HANA cloud workflow using Manage Workflow application.
- ✓ Activate the BADI which is responsible for activating workflow for PO/PR & added custom logic in the BADI (Save & Publish).
- ✓

PROJECT: 11

Project : 777 Partners, AMS Support
 Client : Accenture, USA
 Role : ABAP Technical Lead
 Modules : FI-CMS, FI-CO
 Environment : SAP S/4 HANA 1809
 Project Execution : E-Zest Solutions
 Period : Feb 2019 – Dec 2019

Responsibilities:

- ✓ Configured AP, GL account Embedded workflow for the FIORI applications Verify/Post Journal Entry & Supplier Invoice
- ✓ Implemented SAP Note for AP Invoice Workflow, where for a work-item considering standard user id SAP_RTF instead of requestors user id on release amount activity.
- ✓ Implemented changes for AP Invoice workflow Implicit enhancement ZAPINV_WF_APP, where once the document is submitted for approval or rejection user shouldn't change it.
- ✓ Developed AR Billing Invoice form which should be triggered based on automatic correspondence SAP 19 through FB03 or F.61 Fiori application.
- ✓ Developed Program for Collateral Mass Upload/Update for different collateral Id's & cases
- ✓ Alignment & text changes for Bank Checks (SAP Script)
- ✓ Enhancement implementation ZSEN_REC_KOSTL_CC_VAL for cost centre validation where sender & receiver cost centre have the same values during KSU03 assessment cycle
- ✓ As per SAP Note 2401267, performed Exit for the FV60/FV70 transaction codes to disable Post/Save option as user requires only Save as Complete Option.
- ✓ Added Screen element Company Code in the standard Fiori Application Manage Supplier Line items (Create Line items) for Supplier Invoice.
- ✓ Enhanced custom CDS view & exposed it to the BW system as external View for the BPC financial reporting

PROJECT: 10

Project	:	UNICEF
Client	:	UNICEF, Denmark
Role	:	ABAP Technical Lead
Modules	:	SD, FI, MM, WM, EWM
Environment	:	SAP R/3 ECC 6.0, S4 HANA 1709
Project Execution	:	E-Zest Solutions Ltd
Period	:	Dec 2018 to May 2020

Responsibilities:

- ✓ Designed FF EDI exceptions Monitoring tool report which contains Message monitoring, Delivery monitoring, Shipment Monitoring, Container Monitoring Parameters with the give list of Forwarders.
- ✓ Implemented the changes to ZFI_CONSULTANT_INV & ZFI_CONTRACT_INV smart forms.
- ✓ Order type field added to existing Container monitoring report ZFI_CONTAINER_LIST
- ✓ Created Structures for the EDI Monitoring tool report & ZFI_EQUIPMENT_TABLE for the existing report.
- ✓ Material status field MSTAE for STO Screening Report ZCMM_STO_SCREENING
- ✓ Added MSTDE (date from which cross-plant material status), distribution channel & Corrected Long text issue for Sales text/Purchase Order Text/Basic Text in ZMAT_NEW Report
- ✓ Add Document number, F4 help, Label & output to file path fields in ZEXPTXT Report & validate these fields on selection screen based on user activity.

- ✓ Add Application server file path on selection screen & validate through background process only for the program ZCLE_PS_CUSTOMERS
- ✓ Add File Path where new file should be place on AL11 for Consignee list report ZVRCNSGL.
- ✓ Changed the existing logic for SOA date & SOA number in ZPS_STATUS & ZPS_STATUS_BI reports.
- ✓ Displayed the destination Warehouse & Warehouse name on Adobe form ZSD_RELEASE_ORDER in consignee detail.
- ✓ Enhancements on RF screens for picking/put away operations.
- ✓ Customised RF MENU LM01
- ✓ Defined storage type and storage bin structure, Transfer Order creation and auto confirmation.
- ✓ Report Program to Delete Custom Table entries based on the user selection.
- ✓ Report Program for Material Classification Characteristics Mass Upload in MM01 using BAPI_OBJCL_CHANGE & BAPI_MATERIAL_SAVE_DATA
- ✓ Enhancements on CV01/CV02 for the document version change & date range.
- ✓ Enhancements on CO01/CO03 for the document production order release control

PROJECT: 9

Project	:	Bridgestone
Client	:	Bridgestone, USA
Role	:	Senior ABAP Consultant
Modules	:	MM/WM, FI, SD
Environment	:	SAP R/3 ECC 6.0
Project Execution	:	Fujitsu Consulting India Pvt Ltd
Period	:	Dec 2017 to Oct 2018

Responsibilities:

- ✓ Worked on Workflow issue for POST & PARK Document, ZFI_WF_APPR table for originator & Approver roles. ZFBS1 for generating original & reversal document number. OB52 for assigning posting period for company code 117.
- ✓ Added Subroutine for Inventory & Serial Number in the existing report ZFIXP_RABEST_ALV01 which is a copy of standard transaction AR01.
- ✓ PF management system is developed from HR salary Data. Relation of PF component is configured through Z master tables. On posting of salary, respective accounting entry (F-02) is passed taking employee (PERNR) as Vendor (LIFNR)
- ✓ Conducted Technical Screening interviews for the given positions on ABAP role.
- ✓ Monitoring Performance, Code reviews of the team & weekly status calls in tracking the deliverables.
- ✓ Developed adobeforms on Sales contracts.
- ✓ Worked on Module pool programming.
- ✓ Troubleshoot Workflow issues on Internal Order

PROJECT: 8

Project	:	ADGAS
Client	:	ADGAS, Abu Dhabi.
Role	:	Senior ABAP Consultant

Modules : FI, SD
Environment : SAP R/3 ECC 6.0
Project Execution : Microcom Solutions Pvt Ltd
Period : Mar 2017 to Aug 2017

Responsibilities:

- ✓ Worked on Inventory Reports
- ✓ Developed programs for Asset transfer & creation.
- ✓ Performed Code reviews & build technical specifications.
- ✓ Developed custom Fiori applications.
- ✓ Worked on IDOCs.

PROJECT: 7

Project : MJN PoC
Client : Mead Johnson, USA.
Role : Senior ABAP Consultant
Environment : S4 HANA Upgrade
Project Execution : Microcom Solutions Pvt Ltd.
Period : Dec 2016 to Mar 2017

Responsibilities:

- ✓ Performed SPDD & SPAU & SPAU_ENH Activities
- ✓ Applied OSS Note, adjusted data elements & tables accordingly.
- ✓ Adjusted FM's, Screen flows, Programs.
- ✓ Performed code remediations for custom objects.
- ✓ Pre & post upgrade activity checks.

PROJECT: 6

Project : MGT (Marquee Global)
Client : MGT, Dubai
Role : Senior ABAP Consultant
Modules : SD, MM, FI
Environment : SAP R/3 ECC 6.0
Project Execution : MGT, Dubai.
Period : Nov 2015 to Oct 2016

Responsibilities:

- ✓ Worked on payment cheques using SAP Scripts.
- ✓ Developed BDC program for CA02 (Routing).
- ✓ Created custom ALV reports using OOABAP.
- ✓ Enhancements on Purchase Order & Purchase requisitions.
- ✓ Developed Smart forms for Invoice.

PROJECT: 5

Project : Pelican
Client : Pelican, USA
Role : Senior ABAP Consultant
Modules : SD, MM, WM
Environment : SAP R/3 ECC 6.0
Project Execution : Microcom Solutions.
Period : Dec 2015 to Oct 2016

Responsibilities:

- ✓ Worked on User exits for Sales order & CV02 transactions.
- ✓ Developed custom workflows for Sales Order.
- ✓ Created custom ALV reports using OOABAP.
- ✓ Extended standard IDocs with custom segments & fields.
- ✓ Developed smart forms for Picking & packing process.

PROJECT: 4

Project : BE COPACKER
Client : COCO-COLA ENTERPRISES (CCE), EUROPE
Role : Senior ABAP Consultant
Modules : SD, MM
Environment : SAP R/3 ECC 6.0
Project Execution : Quinnox Consultancy Services, Bangalore.
Period : Dec 2014 to Nov 2015

Responsibilities:

- ✓ Worked on standard idocs extensions with custom segments & fields.
- ✓ Developed custom workflows for SD & MM transactions.
- ✓ Created classes & methods for report programming.
- ✓ Developed adobeforms.
- ✓ Worked on enhancements (BADI/User exits).

PROJECT: 3

Project : NOVARTIS DEV COE
Client : NOVARTIS PHARMACEUTICALS LIMITED, Switzerland
Role : ABAP Consultant
Modules : SD, MM, FI
Environment : SAP R/3 ECC 6.0
Project Execution : Accenture Services Pvt Ltd, Hyderabad.
Period : Nov 2013 to Dec 2014

Responsibilities:

- ✓ Developed Smarts forms on Invoice/GR/Picking & Packing list.
- ✓ Troubleshoot workflows for PO/PR approval process.
- ✓ Developed custom ALV reports using OOABAP.
- ✓ Prepared technical specifications & Unit testing documentation.

- ✓ Performed performance tuning techniques on ABAP reports.

PROJECT: 2

Project	:	WARTSILA
Client	:	WARTSILA, Finland
Role	:	Developer
Modules	:	MM, WM & FI
Environment	:	SAP R/3 ECC 6.0
Project Execution	:	Accenture Services Pvt Ltd, Pune.
Period	:	April 2012 to Oct 2013

Responsibilities:

- ✓ Worked on Enhancements for Sales Order transactions.
- ✓ Developed module pool screens.
- ✓ Prepared technical specification & unit testing documents.
- ✓ Created DDIC objects.
- ✓ Involved in the BRD discussions.

PROJECT: 1

Project	:	EPCOS INDIA PVT LTD
Client	:	EPCOS INDIA PVT LTD, KOLKATA
Role	:	Consultant
Modules	:	SD, MM.
Environment	:	SAP R/3 5.0
Project Execution	:	PWC, Kolkata.
Period	:	Mar 2010 to April 2012

Responsibilities:

- ✓ Created DDIC Objects
- ✓ Developed custom ALV reports on FI module.
- ✓ Troubleshooting workflow issues & restarting error workflows.
- ✓ Prepared technical specifications & unit test documents.
- ✓ Developed smart forms.