Mahesh Kumar Palavalli

mahesh.palavalli@gmail.com | +91 9515567826

SAP Senior Technical Consultant/Architect having 9 years of experience in SAP BTP (Cloud Platform), **Extension Suite, Integration Suite**, SAP UI5 with Fiori Guidelines, S4HANA Technical, OData, SMP (SAP Mobile Platform), and HANA with an excellent functional experience in SAP Case Management, MM, SD, FI, ACM & REFX modules. Recognized **SAP Community** member. **Organizer & Speaker** at Various SAP Community Events around the world.

Professional Summary & Technical Portfolio

- Involved in 4 End-to-End implementations, 4 Support & 2 Development Projects.
- Excellent knowledge and experience in Business Technology Platform Extensions (Side-by-Side) and services offered in Cloud Foundry.
- Involved in multiple Development & Support projects in SAP Labs CD, India.
- Good experience with latest S4Hana Technical (ABAP Programming model for Fiori with Draft capabilities) based on CDS, BOPF, **Fiori Elements** & **UI5** and **RAP** (Restful ABAP Programming Model).
- Experience with the SAP Cloud native development using **SAP CAP** & HANA in BTP.
- Worked with **SAP BTP** services like SAP Conversational AI & SAP Intelligent RPA.
- Written many well recognized **blog posts** at **SAP Community** in areas of new SAP technologies:
- Experience in developing Fiori applications with Offline capabilities using SAP Mobile Platform.
- Self-motivated, good communication, analytical, interpersonal and presentation skills.

Awards & Achievements

- **Best Partner Award** from **SAP Labs** for significant contribution and performance in the project.
- Member of the Month **Recognition** from the **SAP Community**.
- Innovator Award from Yash Technologies & EGA - Government of Ras Al Khaima, UAE.
- Speaker at multiple community events like **SAP Online Track & SAP Yalsah** (Co-Founded U.A.E first local SAP Community)

Technical Skills

- SAP CAP (Cloud Application Programming Model) & SAP RAP (ABAP)
- SAP Cloud Platform(BTP) services, **Extension Suite & Integration Suite**
- UI5 with FIORI Guidelines & SMP (SAP Mobile Platform)
- ABAP, OData, Webdynpro, FPM, Workflow
- SAP Intelligent RPA, Portal, SAP Document Management & SAP Conversation AI
- Microsoft Teams Integration, Facebook/Google Integrations, Node JS, Java Script, CSS & HTML

Professional Links

SAP COMMUNITY (BLOGS & ANSWERS)	https://people.sap.com/maheshkumar.palavalli
LINKEDIN	https://www.linkedin.com/in/mahesh0431/

Employment History

RAK EGA	June 2018	–	Present
AL WASL PROPERTIES	March 2017	–	June 2018
GSS	August 2016	–	March 2017
SAP LABS CD (EXTERNAL)	June 2014	–	July 2016
YASH TECHNOLOGIES	May 2013	–	August 2016

SAP Projects

Project 9   July 2018 – Present

Electronic Government Authority (EGA, Gov.), Ras Al Khaima

Role – Senior SAP Technical Consultant, Development Lead

- Worked in S4HANA implementations for various government departments.
- Design and development of UI5 Apps with custom libraries, reusable component, RAP, BOPF objects and OData services for various departments.
- Integrating Teams with SAP for approval processing, and for managing the meeting from SAP for the customers.
- Integration of Google cloud services with SAP system.
- Worked on Extension Suite & Integration suite in different departments
- Developed SAP Cloud Application Model based apps for the On Premise HANA 2.0 system.

Project 8   March 2017

Al Wasl Properties, Dubai

Role – Senior Fiori Consultant, Team Member

- Integrating Facebook services with SAP system for the creation of Leads & Advertisements.
- Development of Offline Mobile applications based on SMP (SAP Mobile Platform)
- Implemented end-to-end dashboard for SAP CRM Sales Cycles by creating Reuse Component & Reuse Libraries with Complex OData backend Implementation.
- Implemented Custom Controls for Fiori & used OData stream methods to create & fetch attachments
- Implemented REFX Fiori Sales Application using ETags(Locking), HANA CDS Views.

- Extensively used SADL Layer to simplify the Fiori/CDS integration to improve the Fiori Application performance
- Implemented VAT for the company and created reports using SAP CDS Views to improve the performance by using the power of HANA system.
- Upgraded few REFX reports to HANA CDS views and reducing the time from **2 hours** to **2 seconds**.

Project 7   July 2016

Blackbaud & Conair, Fiori Implementation
Role – Senior Fiori Consultant, Lead Consultant

- Involved in the implementation of S/4 HANA.
- Configured FIORI My Inbox app for workflow Approvals along with required roles.
- Developed & Added custom UI5 screens for My Inbox box app based on customization
- Implemented Filter BADIs to pass additional custom details for the relevant custom workflows.
- Configured the Fiori Launchpad with PFCG roles.
- Configured the Standard Fiori Apps in the Launchpad.
- Created a worklist Fiori App (Sales Orders List with Item Status) which will trigger a Workflow and required OData service with function import for triggering workflow
- Created a Fiori app for posting Goods Receipt for a Purchase Order, which uses barcode scanner to read the Purchase order number.
- Created an Offline Fiori Application using SMP for Customer materials Price Simulation.

Project 6   November 2015

Certis CISCO, Implementation
Role – Team member/Developer

Certis CISCO Security Private Limited is one of the five commercial Auxiliary Police forces authorized to provide armed security officers to government organizations as well as private companies or individuals in Singapore.

- Designed and developed OData services in SAP Net weaver Gateway to consume in FIORI based apps.
- Consumed different controls offered in SAP UI5 to build the FIORI based Apps.
- Created reuse library for reusing UI5 screens & functionalities across different FIORI Apps.
- Developed Fiori App for tracking Employee Absences and for creating the Absences.
- Developed multiple Fiori apps according the business requirement, which performs CRUD operations.

- Performed CRUD operations in backend by using batch calls.
- Performed navigation using Routing concepts and used formatters/expression binding for changing backend data in the UI
- Used Chain set process in the OData layer for handling batch jobs.
- Worked on ETAGs for implementing locking for UI Applications.
- Implemented function imports in OData service for various requirements.
- Created multiple reports for background jobs and report execution.
- Created custom Archive object (SARA) for archiving the old data using Archive and Delete reports.
- Consumed OData service from the backend and displayed the data in FIORI App.
- Configured PFCG roles for the Catalogues and Groups created for various FIORI Applications.

Project 5   January 2015
ETA Tracker, Internal Tool Development
Role – Lead/Developer

- Created FIORI Object Page Layout application.
- Used Routing concepts for navigation.
- Used different controls from SAP.M library
- Used fragments for reusing parts of view across the app
- Created Attribute, Calculation Views.
- Created stored procedure to Read the data and to create/update the data using XSODATA Services.
- Created XS OData services to fetch the data using associations and procedures.
- Used XSODATA Services from HANA to display, change and create entries

Project 4   October 2014
Cargill, Support
Role – Team member/Developer

- Developed module pool objects for releasing, approving and invoicing the settlements
- Developed new functionalities in revenue recognition process
- Enhanced multiple screens by adding new functionalities
- Worked on generation of background Queues for auto release, approval and invoicing
- Implemented various BADI's to support new functionality
- Integrated the Billing and Invoicing process in custom code/screen
- Worked on ABD's by integrating them with the settlement process and revenue recognition process

- Worked on fixing multiple bugs that were reported by customer via OSS and created high quality notes to solve those issues
- Worked on development/Enhancement of WebDynpro applications.
- Worked on Inter Company and Intra Company FI Posting enhancements.

Project 3   June 2014
DHS Australia, Development
Role – Team member/Developer

- Enhanced a WebDynpro Application by adding new UI Elements and Functionality.
- Created View Maintenance for Different Tables and Created Table maintenance events so that whenever a new data is created, by an RFC the data is updated in a difference system (HR to GRC).
- Created many RFC Function modules and RFC Destinations for the Integration of different Systems in the Landscape.
- Enhanced a Workflow activity step for the creation and assigning of roles in different system using REST services when a role is approved.
- Implemented BADIs for the creation and assigning of roles whenever an Access request is created.

Project 2   November 2013
F&A Transformation, Implementation
Role – Team member/Developer

- Developed a WebDynpro Application, which is used to check and download the charge back files for a particular customer in a fiscal year, which is integrated in Biller Direct portal.
- Created a Workflow for the GR and NON GR Invoices, which are having Price and Quantity Tolerances.
- Developed a WebDynpro Application for the Approval process of GR and NON GR based invoices.
- Created a Workflow for the Approval process of FI Invoices, which are created from FB60 transaction.
- Developed a WebDynpro Application for the FI Invoices Approval process.
- Created a Workflow using custom class based business object, which is consumed in WebDynpro to send Queries in FI and PO Invoices.
- Developed a BDC to Update the FB60 Transaction for inserting, deleting and updating the new records from WebDynpro Application.
- Created a Module Pool program for rejection of invoice and for sending the invoice to POC for approval process and Created OO ALV to edit, update and Send the Rejection reasons to Vendor in case of rejection of the invoice.

Project 1   May 2013

AMS Project (Multiple Clients), Support

Role – Team member/Developer

- Created a freely programmed search help for custom WebDynpro application for appraisal form using table tree.
- Created a Workflow for the Appraisal Form Approval Process.
- Created a Smart form for pricing conditions details, which will be send as an attachment in Mail through workflow.
- Many small enhancements in Reports, Smart forms, BADIs, Workflows, etc.
- Developed a WebDynpro application to create and change Gate pass.

SAP Community Blog Posts

- https://blogs.sap.com/2021/03/10/challenge-submission-paytm-payment-gateway-integration-with-sap-conversational-ai/
- https://blogs.sap.com/2020/10/23/integrating-sap-document-management-in-cap-application/
- https://blogs.sap.com/2020/07/22/injecting-sap-conversational-ai-chatbot-into-a-website-using-sap-intelligent-rpa/
- https://blogs.sap.com/2019/12/16/attachment-service-to-your-rescue-in-s4hana-fiori-elements-using-reuse-components-gos-dms/
- https://blogs.sap.com/2019/01/09/abap-programming-model-for-sap-fiori-draft-based-for-non-guid-keys-much-more../
- https://blogs.sap.com/2019/02/08/myinbox-ui-generation-using-cds-views-and-ui.facet-annotation/

Personnel Details

Languages	:	English, Hindi & Telugu
Nationality	:	Indian
Open to Location:		India (Anywhere)
Mobile	:	+91 9515567826(India)