

# Parth J.

## Senior SAP Software Engineer

### SUMMARY

- Full stack developer with overall 12+ years of experience in SAP CAPM, HANA, ABAP, SAP Fiori, SAPUI5 and BTP developments and extensions. - Expertise in working with the latest SAP technologies: SAP Fiori Elements, HANA CDS views, SAP CAI Bots, SAP Cloud Foundry, SAP Cloud App Programming Model, SAP Task Center, Mobile Start. - Good understanding of Microservice architecture and microservice development in NodeJS. - Good understanding of cloud services from an architecture design perspective. - Expertise in Extension/ Enhancement of Standard Fiori Apps - Expertise in Dump Analysis, debugging, and resolution - Expertise in BADI Implementation, User exits, customer exits, and other enhancements. - Experience working on 5 implementation projects and 3 support projects. - SAP Certified Development Associate SAP HANA completed in December 2022. - Winner of SAP Hacks for Innovation Hackathon for SAP Build Apps

### TECHNICAL SKILLS

|   |   |
|---|---|
| <b>Main Technical Skills</b>                        | SAP   |
| <b>JavaScript Frameworks</b>                        | jQuery, Node.js   |
| <b>AI &amp; Machine Learning</b>                    | OCR   |
| <b>Salesforce Ecosystem</b>                         | Salesforce, Salesforce Workflow                                       |
| <b>Data Analysis and Visualization Technologies</b> | Apache Hive   |
| <b>Databases &amp; Management Systems / ORM</b>     | Apache Hive   |
| <b>UI Frameworks, Libraries, and Browsers</b>       | HTML5, jQuery   |
| <b>Platforms</b>                                    | Android, Salesforce, SAP, SAP Fiori, SAP HANA, SAPUI5, Xero           |
| <b>SDK / API and Integrations</b>                   | API   |
| <b>Methodologies, Paradigms and Patterns</b>        | microservices architecture  |
| <b>QA, Test Automation, Security</b>                | Selenium  |
| <b>Other Technical Skills</b>                       | My Requests65, SAP BTP, SAP C4C, SAP CAP, SAP SuccessFactors, Sap Ui5 |

## TECHNICAL EXPERTISE

### SAP BTP Development

- Full stack application development on SAP Cloud Foundry Cloud application programming model using NodeJS.
- Integration experience with Salesforce, SAP C4C, SAP SuccessFactors and DocuSign.
- Consumption of various BTP services like Workflow, BRF+, SAP Document Extraction, Object Store etc.
- Data replication from S4 HANA Private Cloud systems.
- Good understanding of cloud services from an architecture design perspective.
- Good understanding of Microservice architecture and microservice development in NodeJS.

### Front End Development

- Design and Development of Custom SAPUI5 Application Freestyle, Master Detail, Worklist, and other floor plans.
- Development of Fiori Element-Based Applications like Overview Pages, Analytical List reports, List Object, etc.
- Development of Custom Fiori Tile types.
- Expertise in Extension/Enhancement of Standard Fiori Apps
- Configuration of SAP Fiori Apps Analytical, transactional, Factsheets, SAP GUI Tiles
- Configuration of SAP FLP features like App Finder, Notifications, SAP CAI, SAP Enable Now, and WebDispatcher.
- Setting up of Systems for the usage of Fiori apps.

### ABAP Development

- Expertise Development of Hana CDS Views and odata services.
- Development of BAPI, FM, RICEFW Objects in ABAP.
- Hands-on experience in Implementation, migration, and upgrade projects
- Expertise in Dump Analysis, debugging, and resolution
- Expertise in BADI Implementation, User exits, customer exits, and other enhancements.

## EXPERIENCE

### SAP CAPM Developer, Homecare Management Solution

June 2022 - Current

#### Responsibilities:

- Developed a solution for homecare service managers authorized by the Australian government to efficiently manage subsidies and expenses for senior citizens receiving in-home care. The program aimed to provide financial support to eligible individuals while enabling service managers to streamline their operations and claim reimbursements from the government.
- Designed and implemented a comprehensive solution to manage customer accounts and finances, including the ability for customers to select service providers and facilitate payments on their behalf.
- Developed customer and service provider portals to streamline communication, invoice submission, and reimbursement requests.



- Created a staff portal using UI5 to empower internal employees in managing customer needs

**Technology:** SAP CAPM, NodeJS, SAP HANA, OCR, Workflow, SAPUI5, Salesforce, XERO, GoCardless

## SAP CAPM Developer, Deal Management Solution

June 2021- May 2022

### Responsibilities:

- Developed an application using SAP CAPM on NodeJS to streamline the quotation pricing process for a mid-sized customer, replacing their manual Excel sheet system. The application needed to integrate with Salesforce and S/4HANA for draft quotations and pricing details while integrating with a third-party system called TIPS for product formula composition.
- Conducted unit testing for each story and performed integration testing to ensure seamless overlap between components.
- Developed Node.js services using SAP CAPM to seamlessly integrate the new application and Salesforce, Google Maps, and other 3rd Party APIs.
- Implemented data replication from S/4HANA Private Cloud System to ensure accurate and up-to-date pricing details.
- Designed and developed custom Ui5 apps and Fiori Elements-based apps for enhanced user experience.
- Leveraged Native Hana Artifacts like Hana Database Procedures and Calculation Views, exposing them as CAP Services for efficient data consumption.
- Successfully implemented the application, resulting in a 50% reduction in manual efforts and automation of key processes. The application provided clear insights into the customer's pricing model, enabling them to offer competitive pricing and improve customer satisfaction.

**Technology:** SAP CAPM, NodeJS, SAP HANA, Workflow, BRF+, SAPUI5, Salesforce, S/4HANA

## SAP Full stack Developer, Transport Tool

Feb 2021 - May 2021

### Responsibilities:

- Developed a tool to move TR from one showroom to another.
- ABAP odata to share details to cloud App and to import and release a TR
- CAP odata to capture logs and store destination-related information.
- NodeJS middleware to call Destination and odata services
- Ui5 Apps to enable users to move TRs

**Technology:** SAP CAPM, NodeJS, SAPUI5, ABAP

## SAP CAPM Developer, Web Analytics Dashboard

Nov 2020- February 2021



**Responsibilities:**

- Developed a plugin to capture information on user clicks, visits, and performance of a Fiori Launchpad
- Developed odata services using SAP CAPM to store data
- Developed Custom Ui5 Apps, Fiori Elements-based app
- Odata extension to perform operations On, Before, Post actual odata calls.

**Technology:** SAP CAPM, NodeJS, SAPUI5

**SAP CAPM Developer, Retail Fuel Station Management**

Sep 2019 - October 2020

**Responsibilities:**

- Developed NodeJS services using SAP CAPM
- Integration with SalesForce, Google Maps, and other 3rd Party APIs
- Data replication from S4 HANA Private Cloud System.
- Developed Custom Ui5 Apps, Fiori Elements-based app
- Consumption of Native Hana Artifacts like Hana Database Procedures and calculation views and expose them as CAP Service.

**Technology:** SAP CAPM, NodeJS, SAPUI5

**SAP Cloud Platform & SAP ABAP Fiori Consultant, Customer Advisory**

6+ Years

**Responsibilities:**

- As a presales support got a chance to work on the latest SAP Products like SAP WorkZone, Fiori Elements App Dev, S/4 HANA Cloud, and SAP CF App Development.
- Configure the latest SAP offerings in the landscape and create technical demo scripts.
- Work on UX Tools to automate redundant processes
- Work on SCP to create Fiori apps and develop portal sites for same.
- Understand, design, and implement Demo Build solutions for presales.
- Full stack development of Fiori Apps using CDS views, cloud services, oData services.
- Write Selenium scripts to automate testing tasks
- Develop Fiori Elements-based apps using UI Annotations and CDS Views.
- Configure WebDispatcher for newly added systems in the landscape.
- Enable the latest UI features and Fiori Apps for Fiori Launchpad.
- Development of Offline (Mock Data) custom Fiori apps for customer demos
- Implementation and upgradation of systems to the latest S/4 Hana, SOH release.
- Configuration and enhancement of Standard Fiori Apps and Fiori Elements
- Design and Develop various Self Service tools to ease up the Demo process.

**Technology:** SAP Fiori, SAPUI5, ABAP, Hana CDS, SAP BTP, NodeJS, SAP Task Center, Mobile Start, S/4HANA Public & Private Cloud



## **SAPUI5 Lead Developer, Custom Application Development for Kemira**

3 Months

**Description:** Kemira wants to implement a custom Fiori-like application, "Create PR" in their landscape to ease out their Buyer Business Process. Create PR is a transactional app with a Fiori-like UI for the traditional ME51N transaction.

**Technology:** SAP Fiori, SAPUI5, ABAP

## **SAPUI5 Lead Developer, MM Buyer Custom Application Development**

3 Months

**Description:** PennTex wants to implement 4 custom Fiori-like applications as part of this project. Create Purchase Requisition, Display/Modify Purchase Requisition, Post Goods Receipt, and Post Service Entry sheets. Applications provided basic transactional functionality along with adding attachments.

### **Responsibilities:**

- Understanding user requirements.
- Designing and developing application mockups.
- Development of Fiori Applications.
- Development of oData services.

**Technology:** SAP Fiori, SAPUI5, ABAP

## **SAPUI5 Developer, SAP HCM Module Custom Fiori Application Development**

8 Months

**Description:** Developed three custom Fiori-like applications. Applications based on the client's business process aimed to simplify the HR Timesheet process.

### **Responsibilities:**

- Understanding user requirements.
- Creating mobile prototypes based on user requirements.
- Development of custom Fiori applications.
- Enhancing Fiori Applications.
- Development of OData services (Code-based/RFC-based).
- Creation of Launchpad, Tiles, Target Mappings, and Semantic objects.

**Technology:** SAPUI5, ABAP, SAP Fiori

## **SAP Fiori Consultant/ UI5 Developer, SAP Fiori Implementation**

3 Months



**Responsibilities:**

- End-to-end implementation of 4 Fiori apps.
- Configuration of Netweaver Gateway server.
- Extension of Fiori Apps (UI Extension and OData service Extension).
- Testing of apps to meet client configuration.

**Technology:** SAPUi5, ABAP, SAP Fiori

**SAP ABAP BW Consultant, SAP BW Functional Upgrade**

4 Months

**Responsibilities:**

- Development of Transformations, OHD's
- Migration of 3.x Infoproviders, Infospokes etc 7.x
- Creation of Multiproviders, cubes, info objects, DTP, and Filters Mobile Application Development
- Created a mobile application using HTML5 and JQuery for First Notification of Loss functionality.
- The app calls SAP Web services to retrieve information.
- Policy Information, Claim Creation, and claim status-related information.
- Cross-platform application to work on iPhone, Android, etc.

**Technology:** SAP ABAP, SAP BW on Hana

**AWARDS & CERTIFICATIONS**

- The Hive from SAP – Hacks for Innovation Winner (Issued December 2022)
- SAP Certified Application Development Associate - SAP HANA Cloud 1.0

**EDUCATION****Bachelor of Engineering (Computer Sc.), MIT, Indore**

2011

