Ranjithkumar Ayyavu

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CAREER OBJECTIVE

- To obtain brilliance in SAP and seeking a challenging position where I can work in a global environment and get expertise in working as part of the team to research and develop new software products.

PROFESSIONAL SUMMARY

- **4 years and 3 month** of IT experience as an **SAP FIORI Full Stack Developer** at **Tata consultancy services**.
- Experience in developing Full-Stack SAP FIORI application using **SAP Cloud Application Programming** (SAP CAP, SAP FIORI, SAP HANA) Approach on SAP BTP.
- **Experience in creating SAP oData service using Node.js, SAP CDS, SAP HANA in the SAP CAP approach and hosting the service in SAP BTP Cloud Foundry.**
- Experience in developing and extending **SAP FIORI elements (List Report, Overview Page)** application using **SAP CAP oData annotations**.
- Experience in **SAP FIORI Launchpad Configuration** (tile, catalog, group, role) and theme Manager Configuration in **On-Premise System and SAP BTP CF** using Launchpad services.
- Experience in **deploying and migrating** SAP Full stack applications and SAP FLP configurations using **CI&CD pipeline integration, Cloud transport management, alert notification and GIT**.
- Having Knowledge of deploying and monitoring SAP FIORI Full Stack applications as containers in **SAP KYMA runtime** from **AWS – ECR** using **GIT Workflows**.
- In-depth Knowledge in **Python** and **Data Science, Machine learning, Deep learning** (ANN, CNN, RNN) and **AWS**.
- Good Knowledge of developing **SAP Conversional AI Chabot** using SAP CAP services.
- Having Knowledge of **SAP Workflow Management** in SAP BTP CF.
- Good Knowledge in working with **SAP CAP Multitenant Applications and sending notifications from SAP BTP CF to SAP FLP**.
- Experience in creating and deploying SAP FIORI application on SAP Netweaver portal and creating iViews, Groups and Portal FLP configurations.
- Experience in creating **SAP Hana database** and role configurations **in Hana Database Explorer**.
- Good Knowledge of version control systems like GitLab, Git.
- Have experience working in a POC for web application development using **React** and **Django**.

Technical Skills

- **Programming Languages :** Python3, Java, JavaScript
- **Web Technologies and Frameworks :** SAPUI5, SAP FIORI, SAP CAP, Node.js, Django, React, HTML5, JSON, CSS3, jQuery
- **Cloud and Distributed computing :** SAP BTP, AWS, Kubernetes, SAP KYMA
- **Machine Learning:** Scikit-Learn, TensorFlow, Keras, NLTK, Pandas, Numpy, matplotlib
- **IDE :** SAP Business Application Studio, SAP WebIDE, SAP GUI, Eclipse, Microsoft Visual studio, PyCharm, Anaconda, Jupiter NoteBook

Trainings and Certifications

- IBM Data Science Certification
- Statistics for DataScience, Machine Learning A-Z, Deep Learning and NLP with Python – Udemy
- Python Django Development to deployment – Udemy
- Kubernetes Certified Application Developer – Udemy
- Node.js Developer, React –Udemy
- AWS Certified developer Associate - Udemy

Work Experience

May'20 – Till Now: Tata Consultancy service - Development and Migration to SAP BTP Cloud Foundry

- Developed SAP FIORI Full stack Application using SAP CAP in SAP BTP Cloud Foundry**.**
- Worked on migration SAP FIORI, Deep links, BSP apps from SAP ECC to SAP BTP CF.
- Responsible for creating FLP configuration in Site Manager of SAP BTP CF using SAP Portal and SAP Launchpad Service.
- Worked on Creating SAP oData service using Node.js, SAP CDS, SAP HANA on SAP CF in SAP CAP approach.
- Worked on creating and migrating Hana Xsjs services to access the SAP Deeplink apps.
- Worked on Cross container and Schema access on hana.
- Responsible for creating CI / CD pipeline, transport management and alert notifications to deploy and transport the sap full stack app and FLP configurations to SAP BTP Subaccounts.
- Worked on various POCs for Sending Notification from SAP BTP application to SAP FLP, deploying and monitoring SAP FIORI Full Stack applications as containers in SAP KYMA runtime from AWS – ECR private repository using cronjob and GIT Workflows.
- Worked on Hana container objects and data handling in Hana database Explorer.
- Worked in Agile methodologies.
- Responsible for deploying the application in Production, Code reviews and Technical document preparation, Sprint Planning.

Jun'18 – Apr'20: Tata Consultancy services - FIORI Application Development & Enhancement

- End to End Transactional FIORI Application (Master & Mater-Detail) Development and Enhancement in On-premise architecture using Eclipse and SAP Webide.
- Worked on FLP configurations, Theme Manager Configuration, CRUD operations, formatters, Routing and navigation, Filtering, Model configurations, Sorting Functionality and date formatters.
- Worked on Smart controls (Smart FilterBar, Smart Table) and Responsive table**.**
- Worked on List Controls, Fragments , Form controls, Vizframe Charts (column & Line) and downloading Vizframe charts, Process flow, IcontabBar, Block Layout controls and responsive table display using UI5 and adding custom CSS3 to the UI5 applications.
- Worked on oData creation and activation using SAP ABAP.
- Worked on Filtering, Sorting, File uploading functionalities and Date formatters using date pickers.
- Involved in Code deployment, Technical Document Preparation.
- Worked in Waterfall and Agile methodologies.
- Responsible for Code deployment in Development server.
- Involved Code Review, Technical Document Preparation.
- Received appreciation and award from management for Pro-active working
- Worked on a POC for Web Application development using React.

Education

Bachelor of Engineering (Electronics & Communication Engineering) – Hindusthan College of Engineering and Technology, Coimbatore 2017