



Saumya Shekhar

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SAP Labs India

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7 years of experience designing scalable, resilient, and high-quality cloud-based enterprise applications in a cross-functional environment. A full-stack developer with expertise in Java, JavaScript, HTML5, NodeJS, Apache Kafka, Cloud Foundry. Customer advocate with excellent communication skills and stakeholder management.

WORK EXPERIENCE

Senior Full Stack Developer SAP Labs India Pvt. Ltd.

04/2021 - Present

Bengaluru

SAP Internet of Things (SAP IoT) - A PaaS offering to address industrial IoT use cases

- Designed & Integrated Kafka monitoring dashboards with more than 100 metrics related to brokers, producers, and consumers using Dynatrace for better business insights. This reduces the issue resolution time in the big data ingestion pipeline.
- Developed multiple Java-based Kafka utility applications for migration of Kafka topics to a dedicated cluster for IoT from a shared cluster. Utilized the mirror maker library from Apache Kafka to build the tool to complete this activity with no data loss.

Developer SAP Labs India

04/2018 - 03/2021

Bengaluru

SAP IoT & SAP Connected Goods - A cloud-based, cross-industry IoT solution

- Designed and led the development of an improved customer onboarding solution for SAP IoT resulting in a reduction of steps in onboarding from 219 to 10 and a reduction in onboarding time from 2 days to 15 minutes, thereby improving customer experience and satisfaction.
- Developed and maintained multiple microservices related to SAP IoT like PaaS onboarding for a new customer; Service Broker to manage the lifecycle of multiple service instances; Application Router responsible for App-to-app communication; and Fiori Launchpad, which is an entry shell to host all applications.
- Single point of contact for 6 customers for 2 cloud products, SAP Connected Goods & SAP IoT; was involved in different stages of customers' sales pipeline, starting with providing technical details, and later working with the customer directly for implementation.
- Lead UI Developer for SAP Connected Goods. Improved performance of the application by reducing initial load time by 50%. Developed a template-based KPI Modeler to handle Analytics use cases in IoT.

Associate Developer SAP Labs India

06/2014 - 03/2018

Bengaluru

Custom Development Team

- Developed multiple responsive fiori-based applications using SAPUI5, a client UI technology based on JavaScript, CSS and HTML5.
- Developed data visualization tools for analytical UI applications using leaflet library, d3js, and JavaScript.
- Developed Adobe flex-based UI screens for Gaming and Gifting scenarios for SAP Smart Vending Machine (SVM).

CERTIFICATES

Front-End JavaScript Frameworks: Angular 📄

R Programming 📄

Introduction to Artificial Intelligence & Applications - CCE, IISc Bengaluru

Python Programming 📄

SKILLS

Java

NodeJS

JavaScript

Python

Cloud Foundry

Maven

Apache Kafka

Angular

Dynatrace

EDUCATION

Bachelor of Technology: Electronics & Communication

VIT University - Vellore, Tamil Nadu

06/2010 - 06/2014

CGPA - 9.15

VOLUNTEER EXPERIENCES

HR Coordinator & Maths Project Head

Bhumi 📄

10/2015 - 05/2018

Bengaluru

Roles & Responsibilities

- Responsible for organizing events, conducting award recognition ceremony, etc
- As a Maths Project head, Planned lessons, Managed teaching content & came up with interactive teaching ways

AWARDS

Young Scientist Award (11/2015)

8th National Women's Science Congress organised by Women Scientists Forum - Swadeshi Vijnana Andolana Karnataka

Finalists - What The Hack 2.0 @ SAP Labs India (12/2014)

Developed an app to identify potential buyers in a retail store and send them offers and discounts to increase sales. The team secured 5th rank in more than 100 submissions.

INTERESTS

Travel

Video Editing

Quilling