

SATYARTH SHUKLA

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Professional Summary

Experienced Full Stack Developer with 3+ years of expertise in designing and developing software solutions. Proficient in Java, Spring Boot, React Native, JavaScript, Python, AI, SAP BTP, and Cloud Native technologies. Skilled in creating programs tailored to specific requirements, with a track record of delivering high-quality solutions. Actively working on Gen AI work cases and leveraging Business AI to optimize business processes.

Skills

- Java
- Spring Boot
- HTML, CSS
- Javascript
- React
- React Native
- Git
- Cloud Native
- Docker
- JUnit & Mockito
- MySQL
- Generative AI
- Python
- Kubernetes
- Rest APIs
- SAP BTP (CAP)
- Cloud Foundry
- Apache Kafka
- JIRA
- Selenium

Work History

Jan 2022 - Current

Gurgaon, India

SDE 2

SAP Labs India

- Designed a mobile application using React Native for allow teenagers to purchase *cultural products* (e.g. books, museum tickets) with credit that they can claim through the solution from the German government. Various services like Elster connector that run on BTP are used for identity management.
- Collaborated with cross-functional teams to design and implement a new underwriting platform for a large insurance firm, integrating SAP FS-PM and Java technology Improved underwriting accuracy by 30% and increased productivity by 50%
- Designed and executed a scrum automation project using Spring Boot and Apache POI library that eliminated manual errors, saving 40 hours per week for the team and reducing delivery time by 50%.
- Designed and implemented the Kuturpass Chatbot (Kultur.AI) using Retrieval Augmented Generation (RAG) technique and also deployed it on SAP BTP.
- Developed and maintained REST APIs that enabled integration with multiple third-party providers
- Gained immense communication and leadership skills by hosting critical events like D-Com and SAP Customer Success Week
- Developed a “Bulletin-Board” cloud-based microservice application that is highly consistent and fault-tolerant.

Analyst - Enterprise Performance

Deloitte USI

Jan 2020 - Dec 2021

Bengaluru, India

- Developed and deployed a custom SAP application that automated invoice processing, resulting in a 50% reduction in manual workload for the finance team and saving 40 hours.
- Leveraged SAP Conversational AI to create a Chatbot from scratch, resulting in a 38% reduction in customer service response time.
- Worked as an ABAP developer in implementation and rollout functions of critical SAP projects.
- Designed and implemented a reusable parallel processing framework in ABAP, leveraging dynamic parameters to optimize runtime performance across 50+ ABAP objects, significantly enhancing the throughput by 60%.
- Trained and certified in SAP BTP Level 1 and 2.
- Designed a Spring Boot movie review application Quickster using NLP techniques.

Education

B.Tech : IT

Vellore Institute of Technology

- Final Grade: 9.05 CGPA

Projects

- **Kulturpass Application:** Worked on the mobility end of the application for teenagers to purchase cultural products with credit that they can claim through the solution from the German government. It allows *cultural providers* (e.g. book store, museum, etc.) to offer their cultural products. The mobile application was built on React Native using and Mirakl was used for order handling on the cultural provider side. Had two major integration APIs namely: **CDC** and **Commerce**. CDC was used to manage user accounts and consents and Commerce was used as the e-commerce system. Used Redux for global state management. BTP is used to run project-specific services such as the ELSTER Connector and the Ident Connector. These services facilitate proof of identity for cultural providers and teenagers, respectively.
- **Personal Data Handling:** Developed and implemented a Spring Boot solution to connect to Azure blob store using Java SDK connectors, enabling fast and secure storage of all events stored as JSON files in Digital Manufacturing Cloud solution. Ensured seamless integration and compliance with privacy regulations. Analyzed data storage to identify and remove PII (personally identifiable information); reduced workload by 35 hours per week and decreased data loss risk by 80%.
- **Kultur.AI:** Created a RAG enabled chatbot using Generative AI techniques that is hosted on SAP BTP. The KulturPass Chatbot is built using the Retrieval Augmented Generation (RAG) technique, allowing it to provide informative and contextually relevant responses to user queries. It utilizes the vast KulturPass project documentation and is designed to understand and address a wide range of user inquiries related to the application. From providing onboarding assistance and support to developers to assistant architects in decision making, bot offers a wide range of capabilities by leveraging the features of Generative AI.
Link: <https://kp-aichat.cfapps.eu12.hana.ondemand.com/>