Saketh Balijepalli

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Professional Summary

Software Engineer with 3+ years experience in building scalable systems and participating in high-performing teams. Proven success in building microservices by reducing latency, improving reliability, and delivering GDPR/SOC 2 aligned backend systems..

Work Experience

Senior Software Engineer – ADF Data Science Pvt Ltd   *May 2021 – August 2024 | Chennai*

- Led the design and containerized production grade **Java/Spring Boot microservices** and documented REST APIs using **OpenAPI (Swagger)** for consistency and maintainability.

- Scaled **AWS hosted microservices** by reducing end to end processing time from 45+ seconds to under 8 seconds by migrating from a sequential model execution flow to a thread-pooled concurrent architecture and integrated **AWS Secrets Manager** access and configuration.

- Strengthened security by fixing 100+ critical vulnerabilities in legacy codebase using **SonarQube** and **Nexus**, enforcing data masking, encryption, and hashing to meet GDPR and SOC 2.

- Diagnosed and resolved **Redis connection** issues which decreased aws lambda access latency from 500ms to under 10ms, also validated the same with **JMeter** load testing to check if it can handle >1000 concurrent requests.

- Rebuilt underwriting and fraud evaluation using **state-machine**, config-driven APIs, enabling rule updates without deployments and streamlining risk assessment.

- Automated **CI/CD with Jenkins** including security scans and build gates, enhanced observability with **CloudWatch Logs** and **Datadog** for proactive issue detection.

- Achieved an 18% increase in new customer signups within 6 months by optimizing API response times and redesigning onboarding workflows, resulting in improved user experience and expanded market reach.

Junior Java Developer – IntentBI   *August 2020 – November 2020 | Hyderabad*

- Integrated 15+ REST APIs for the company's analytics dashboard by consuming end points of social media platforms including Facebook, Twitter, Instagram, and Pinterest etc. Gained hands-on experience in Java, Spring Boot, RESTful API development, external API integration, and JSON/XML processing. Worked closely with the product and frontend teams to populate the data on the dashboard.

Education

Gitam University – Hyderabad, Telangana, India
B.Tech in Computer Science

Skills

Languages: Java, Python, TypeScript
Frameworks & Platforms: Spring Boot, Spring Security, Microservices Architecture, SvelteKit, React, Google ADK
Databases & Caching: MySQL, Redis, Liquibase
CI/CD & DevSecOps: Jenkins, Docker, SonarQube, Nexus
Cloud & Tools: AWS (ECS, Lambda, Secrets Manager), RESTful APIs, JMeter, Git

Projects

Google ADK Multi-Agent Project   *November 2025 – Present*

- Used Google's ADK documentation to build a multi-agent system to automate the search for dance opportunities, classical dance gurus and classical dancers portfolio's, their social accounts globally to collaborate. This multi agent system orchestrates for web research and finds suitable opportunities. This automated agent will then auto generate a personalized application drafts for identified opportunities.

Mini E-Commerce App (Spring Boot + React)

- Worked on a full-stack e-commerce application to put my backend skills to test and work on front end as well, the application features a dynamic product catalog and a seamless checkout workflow. The application has scalable REST APIs and also a relational database schema with MySQL to support efficient data retrieval. I have also implemented a session based cart system using Spring Boot and React, enhancing user experience and session persistence. The entire application environment is containerised using Docker Compose to streamline deployment and ensure consistency across development and production.