

Saketh Balijepalli

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SUMMARY

Backend Engineer specializing in building scalable, secure, and high-performance Java/Spring Boot microservices. Proven expert in performance optimization, enhancing observability, and implementing DevSecOps best practices for reliable fintech platforms.

TECHNICAL SKILLS

Languages: Java, Python

Frameworks & Platforms: Spring Boot, Spring Security, Microservices Architecture

Databases & Caching: MySQL, Redis, Liquibase

CI/CD & DevSecOps: Jenkins, Docker, SonarQube, Nexus

Cloud & Tools: AWS (Lambda, Secrets Manager), RESTful APIs, JMeter, Git

EXPERIENCES

Senior Software Engineer, ADF Data Science Pvt Ltd

May 2021 – July 2024

- Led the design, development, and containerization (Docker) of production-grade Java/Spring Boot microservices for a leading US-based fintech client.
- Architected and scaled a unified Affiliate Engine microservice on AWS, successfully integrating major partners including Credit Karma, QuinStreet, LendingTree, and Even Financial.
- Optimized high-traffic affiliate workflows by implementing AWS Secret Manager, reducing API latency from over 30 seconds to under 8 seconds.
- Strengthened production security posture by identifying and fixing 200+ critical vulnerabilities in legacy codebases using SonarQube and Nexus.
- Diagnosed and resolved Redis connection timeouts by implementing connection pooling, optimizing AWS Lambda cache latency from 500ms to under 10ms, validated via JMeter load testing.
- Built and published a reusable compliance microservice (as a JAR in Nexus) to automate decline reason generation with millisecond latency, enhancing system reusability and audit accuracy.
- Redesigned underwriting systems using a state machine model, enabling config-driven, event-based flow control that eliminated code deployments for business rule updates.
- Delivered a config-driven Fraud ScoreCard API using Liquibase and Docker, automating fraud evaluation workflows and streamlining risk assessment.
- Implemented advanced data security controls (masking, encryption, hashing) using Spring Security and custom serializers to ensure full GDPR and SOC 2 compliance.
- Automated CI/CD pipelines using Jenkins, integrating SonarQube vulnerability scanning and DevSecOps best practices to enhance deployment reliability and security.

EDUCATION

B.Tech in Computer Science, **Gitam University**