

PROFESSIONAL SUMMARY

Java Full Stack / Backend Engineer with 4 years of experience designing and modernizing enterprise-scale applications. Proficient in **Java, Spring Boot, and microservices architecture**, with expertise in **AWS, Azure, and Kubernetes**. Proven success in **delivering scalable, distributed systems**, reducing release cycles by **40%**, achieving **99.9% uptime**, and optimizing database performance by **35%**. Strong background in **secure architecture (OAuth 2.1, JWT, RBAC)** and **large-scale event processing (Kafka, SNS/SQS)**. Hands-on with **CI/CD pipelines, observability, and automation** to improve system reliability and efficiency.

TECHNICAL SKILLS

Backend & APIs	Java (8–17), Spring Boot, REST, gRPC, GraphQL, Node.js
Frontend	React, Angular, Redux, NgRx, HTML/CSS (JSP, Bootstrap, SCSS)
Databases & Storage	Relational (PostgreSQL, MySQL, Oracle, Amazon RDS), NoSQL (MongoDB, Redis, Cosmos DB), Amazon S3
Messaging & Event Streaming	Apache Kafka, AWS SNS/SQS
Security & Identity	OAuth 2.0/2.1, JWT, IAM, RBAC, Okta, Keycloak, Vault, PCI-DSS
DevOps & Cloud	Jenkins, Azure DevOps, Docker, Kubernetes, Terraform, Helm, ArgoCD, GitOps
Monitoring & Observability	Prometheus, Grafana, ELK Stack, Splunk, Azure Monitor
Testing & QA	JUnit 5, Mockito, TestContainers, WireMock, Postman, TDD
Methodologies	Agile, Scrum

EXPERIENCE

Apple – Senior Software Engineer (Java Full Stack / Backend), US
Nov 2024 – Present

- **Orchestrated** Java 17, Spring Boot, and gRPC/REST microservices on Azure AKS using Terraform.
- **Strengthened** platform-wide security standards by implementing OAuth 2.1, JSON Web Token (JWT), and Role-Based Access Control (RBAC).
- **Streamlined** release cycles by automating deployments with Kubernetes and Helm, leveraging Docker for containerization.
- **Architected** Kafka streaming pipelines integrated with AWS SNS and SQS, enabling fault-tolerant telemetry ingestion across thousands of OS validation environments.
- **Delivered** an automation roadmap that boosted defect detection and operational efficiency by 28%.
- **Rolled out an** observability stack with Prometheus, Grafana, and Azure Monitor, elevating anomaly detection and performance insights.
- **Optimized** PostgreSQL, MongoDB, and Cosmos DB queries, accelerating analytics response times by 35%.
- **Partnered** with cross-functional teams to align architecture with business goals, accelerating feature delivery across global platforms.

- **Built** Java 11, Spring Boot, and Node.js microservices with REST/gRPC APIs, secured with OAuth 2.1, JWT, and Okta SSO, ensuring PCI-DSS compliance.
- **Migrated** infrastructure to Azure AKS and AWS EKS with Terraform, achieving 20% cost savings through elastic scaling.
- **Redesigned** compliance dashboards with React, Angular, Redux, and NgRx, improving usability for 5M+ monthly users.
- **Engineered** a scalable Kafka infrastructure with parallel processing capabilities to reduce data latency by 60% and increase transaction throughput by 4x for real-time analytics dashboards.
- **Deployed** the ELK Stack with automated Root Cause Analysis (RCA), reducing MTTR by 40%.
- **Enhanced** PostgreSQL, MySQL, and MongoDB indexes, reducing query latency by 30% and improving throughput.
- **Scaled** dashboards to support 2x active users while maintaining sub-second response times.
- **Mentored** junior engineers on Spring Boot and React best practices, improving code quality and cutting review rework by 15%.

CERTIFICATIONS

- [AWS Certified Solutions Architect – Associate](#)

EDUCATION

- **Master of Science in Computer Science (Cybersecurity)** | University of Central Missouri
Aug 2023 – May 2025.
- **Bachelor of Engineering in Electronics and Communication** | Tirumala Engineering College
Jul 2018 – Jun 2022.