**SUMMARY**

* 4+ years of experience delivering scalable applications using Java, Spring Boot, and Angular/React using OOD and SOLID principles.
* Proven expertise in designing RESTful APIs and event-driven microservices, serverless applications with AWS, integrating CI/CD pipelines (Jenkins, GitLab, Docker, Kubernetes) and implementing TDD (JUnit, Mockito). Recognized for enhancing performance and accelerating product releases while ensuring robust security and high availability in cloud-native environments.

**skills**

**Backend:** Java, Spring Boot, Spring MVC, Spring Security, Spring Cloud, Hibernate, JPA, Kafka, Maven, Gradle

**Cloud & DevOps:** AWS (EC2, S3, Lambda, API Gateway, CloudFormation, IAM, DynamoDB), Docker, Kubernetes, Jenkins

**Databases:** SQL (MySQL, Oracle, PostgreSQL), NoSQL (MongoDB)

**Frontend:** React, Angular, JavaScript, HTML, CSS

**Testing & Tools:** JUnit, Mockito, Log4j, GitHub/Git, Swagger, SonarQube, Jira, Agile/Scrum

**Monitoring & Logging:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)

**PROFESSIONAL EXPERIENCE**

Software EngineerJan 2024 - Present

*Shoptaki Inc**Staten Island, NY*

* Engineered a **Single Sign-On (SSO)** solution using Java, Spring Boot, and Spring Security. Integrated **SAML** and **OAuth 2.0** protocols with JWT to centralize authentication across **5+ SaaS platforms**, streamlining cross-platform access for **1000+** enterprise clients.
* Built **Jenkins CI/CD** pipelines featuring parallelized test suites and GitOps workflows. Containerized microservices with **Docker** and deployed them to **AWS EKS (Kubernetes)** using Helm charts and the Istio service mesh, reducing release cycles by 10%.
* Integrated **Log4j** with the **ELK Stack** and augmented monitoring using **Prometheus/Grafana** for centralized logging, metric collection, and anomaly detection across distributed microservices, cutting **mean time to resolution (MTTR)** by 15% through proactive alerting.
* Partnered with QA to publish **Swagger/Postman** documentation and led a **4-person Agile team** in bi-weekly **sprint** planning, code reviews (enforcing **SonarQube** rules), retrospectives using **Jira**, and refactoring legacy APIs to minimize technical debt.

Full Stack DeveloperJan 2023 – Dec 2023

*Stevens Institute of Technology**Hoboken, NJ*

* Designed and developed RESTful web services using **Spring Boot**, integrating Python-based predictive forecasting models (Prophet) and Tableau dashboards to empower finance teams with data-driven insights.
* Developed a **Kafka producer API** to stream **1M+** market data updates daily across 12+ topics, integrating **AWS SQS** (message queuing) and **SNS** (pub/sub) to ensure fault-tolerant message delivery to downstream services.
* Implemented CI/CD pipelines with **Jenkins**, **Docker**, and **Kubernetes**, reducing deployment times and facilitating daily releases.
* Optimized database performance by refining **Hibernate ORM** mappings, indexing strategies, and lazy loading configurations. Accelerated query execution and reduced API response times by **18%**.
* Enhanced test coverage by 15% using **JUnit 5** and **Mockito**, implementing 50+ unit/integration tests for reporting modules.
* Standardized UI/UX patterns by developing 18+ **React components**, enhancing the consistency and efficiency of the user interface.

Java DeveloperJun 2020 – Aug 2022

*Ugam**Mumbai, India*

* Delivered scalable cart management **microservices** using **Spring Boot** and **Spring Cloud**, processing **2,500+** daily transactions with optimized response times (sub-500ms for cart operations, sub-3s for checkouts) via optimized load balancing (NGINX).
* Designed **4+ REST APIs** for cross-service communication within a microservices architecture, enabling seamless integration among cart, inventory, and payment services and enhancing system modularity and fault tolerance.
* Developed a robust event-driven system using **RabbitMQ** to facilitate asynchronous communication for inventory updates and payment confirmations, reducing checkout latency and eliminating race conditions.
* Enhanced **MySQL** performance by implementing composite indexing, query **caching (via Redis)**, and Hibernate batch processing, reducing data retrieval times from 1.2s to 900ms.
* Implemented automated testing with JUnit 5 and Mockito, achieving 70% test coverage for critical cart and payment workflows.
* Streamlined API documentation via **Swagger (Open API 3.1)**, publishing interactive specs for 20+ endpoints.

**EDUCATION**

Master of Science in Computer Science, Stevens Institute of Technology, GPA: 3.96 Dec 2023

Bachelor of Engineering in Information Technology, University of Mumbai, GPA- 8.69 Jun 2021

**CERTIFICATIONS**

* AWS Certified Developer Associate (Apr 2024)
* AWS Certified Solutions Architect Associate (Oct 2023)