

Vishal Kamaliya Senior Software Engineer

Experienced Full Stack Java Developer | 8+ Years in Enterprise Application Development | Expertise in Spring, Spring Boot, Microservices & Cloud-Native Architecture.

Gujarat, India

WORK EXPERIENCE

Thomson Reuters Sr. Software Engineer Ahmedabad, India
Dec 2021- Present

HighQ | Legal Business Management & Operations Software

Skills: Java 17, Spring Boot 3.x, Spring Cloud, Azure Service Bus, MS SQL Server, Redis, Elasticsearch, Kubernetes, Docker, Istio, OAuth2/JWT, OpenAPI/Swagger, JUnit 5, Gradle, SonarQube, Angular 13

Designed and developed OpenAPI-compliant Spring Boot microservices with Swagger documentation, reducing routing rules by 60% while maintaining 98% test coverage.

- Migrated connection pooling from Tomcat JDBC Pool to HikariCP; implemented shared thread pool architecture for multi-tenant workloads and performed thread pool sizing optimization using Kubernetes/Minikube, resulting in 22% reduction in CPU utilization.
- Implemented JWT-based authentication for microservices and validated service-to-service authorization leveraging Istio on Kubernetes (containerd).
- Automated tenant provisioning and migration processes, including domain updates and cross-domain moves between HighQ and TR CIAM, using idempotent APIs with retry mechanisms; successfully synchronized 481 tenants and ~58.7K users with an error rate of <1.7%, ensuring data consistency across distributed systems.

Capgemini Sr. Analyst Pune, India
Mar 2019 – Dec 2021

Skills: Java 8, REST APIs, PLM Customization (Dassault 3DEXPERIENCE/ENOVIA), JSP, JavaScript, Git

- Implemented major migration project from ENOVIA 2013x to 2018x, developing Java-based customizations to ensure seamless transition and enhanced platform functionality.
- Developed Tcl/Tk script-based migration utilities and implemented REST API integrations to support critical processes including Product Data Management, Change Management, and BOM workflows for engineering and manufacturing teams.
- Designed and implemented custom widgets, business rules, workflows and automation scripts within the platform.

EduCloud Software Engineer Pune, India
Jan 2018 – Mar 2019

EduCloud | School Management System for Digital Academics

Skills: Java 7, Spring MVC, Spring Data JPA/Hibernate, REST APIs, MySQL, JSP, JavaScript/jQuery, Bootstrap 4, AWS (EC2, S3, RDS), Maven, Git, JUnit/Mockito

- Developed core modules using Spring MVC and exposed RESTful APIs for functionalities such as fees, admissions, attendance, timetables, exams, and report cards.
- Implemented request validation, pagination, and global exception handling, improving API reliability by 30%.
- Integrated AWS S3 for scalable document storage, enabling secure storage; modeled domain entities using JPA/Hibernate, reducing query response time by 20%.

SKILLS

Languages & Frameworks

Microservices | MVC
Angular 13 |
JavaScript/jQuery

Cloud & DevOps

- Azure (Service Bus, App Configuration, App Gateway) | AWS (S3, RDS)
- Docker | Kubernetes (Minikube, Istio Service Mesh, Helm) | RabbitMQ | GitHub Actions

Data & Persistence

- MS SQL Server | MySQL | Redis | Elasticsearch
- Hibernate, Spring Data JPA

Testing & Quality

- JUnit 5 | Mockito | Integration Testing | SonarQube | Apache JMeter

Others

- Datadog | Splunk | Scrum | Jira | Azure DevOps

CERTIFICATIONS

- **Microsoft Certified:** Azure Fundamentals (Oct 2024)
- Career Essentials in Generative AI by **Microsoft and LinkedIn** (Oct 2024)
- **Thomson Reuters:** AI/ML Certification Program (Jul 2024)

EDUCATION

BE-CSE, SLTIET Rajkot, Gujarat
June 2017 | CGPA 8.15