KAJOL KOLAGIR

Software Engineer with 3 years of experience in product-based environments, specializing in Java, Spring Boot, RESTful APIs, and Microservices. Experienced in designing and optimizing scalable, secure backend systems for fintech and data governance platforms. Strong focus on performance, reliability, and security, with proven ability to deliver robust solutions and collaborate effectively within agile teams.

Phone: +91 7620716665 | **Email**: kolagirkajol@gmail.com | **Location**: Pune, Maharashtra | Portfolio Link | LinkedIn Link | GitHub Link

Profile Summary

- Accomplished Java Back-end Developer with over 3 years of specialized experience in designing and deploying enterprise-grade RESTful APIs and Microservices for the Banking and Data Governance platforms, notably contributing to core systems for clients such as Brac Bank and MDO Project.
- Showcased expertise in building scalable, containerized backend systems using Spring Boot, JPA, Microservices, and Oracle, complemented by hands-on proficiency in multithreading, Docker, and MySQL, enabling the delivery of high-performance solutions with optimized throughput.
- Successfully architected and implemented secure, distributed backend services with robust authentication mechanisms utilizing Spring Security and JWT, ensuring secure data flow and compliance within regulated financial environments.
- Proven track record in adopting Agile practices and Test-Driven Development (TDD) to develop maintainable, production-ready codebases, while ensuring alignment with cross-functional teams to meet critical delivery timelines and evolving business requirements.

Core Competencies

- Java Multithreading & Concurrency
- Spring Boot & JPA Implementation
- Elasticsearch & Data Indexing
- Oracle & MySQL Data Management
- Containerization with Docker
- Agile Software Development Lifecycle (SDLC)
- RESTful API Development & API Security/Authentication
- Back-end Microservices Architecture & Monolithic Systems
- RabbitMQ Messaging & Asynchronous Processing
- Newrylic, Grafana

Technical Skills

- **Languages:** Java 8+, SQL, HTML, CSS, JavaScript, TypeScript, Python, C, C++
- **Frameworks & Libraries:** Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, Angular, Thymeleaf, FastAPI
- **Web & API Technologies:** RESTful APIs, JSON, XML, Swagger, gRPC
- **Databases**: Oracle, MySQL, PostgreSQL
- **Messaging & Integration:** RabbitMQ, Elasticsearch, Kibana, Redis, Hazelcast
- **Core Concepts & Methodologies**: OOP, DSA, Exception Handling, Multithreading, Microservices Architecture, Agile, TDD
- **Tools & Platforms**: GitLab, Bitbucket, Jira, Jenkins, Docker, IntelliJ IDEA, VS Code, Postman, Maven, Linux, Tomcat, CI/CD

Education

- Bachelor of Computer Application | SRTM University Nanded | 2018 – 2021 | Percentage: 9.21 CGPA
- Full Stack Web Devoleper Course Full Time - Masai School

Certifications

- Full Stack Web Development (Full Time) - NOLAN EDUTECH Pvt. Ltd.
- Zoom Marathon Challenge - Masai

Work Experience

PROSPECTA Software | Development Engineer | Gurugram | Oct 2024 – Present

Project: MDO FUSE

- Developed and maintained scalable backend microservices for a data management platform using Java and Spring Boot.
- Built workflows, enabling automated data requests, rule-based decisions, and mass data management.
- Contributed to the XFUSE framework for secure, rule-based Excel-to-ERP uploads and updates.
- Contributed to Data Intelligence Workbench, automating data cleansing and orchestration across multiple systems.
- Implemented MDO One View, delivering a 360° unified view of transactional and reference data.
- Built data quality monitoring dashboards, providing real-time metrics and alerts for compliance and accuracy.
- Collaborated with cross-functional teams and clients to gather requirements, troubleshoot issues, and integrate backend services with Angular frontend components.

Achievements:

- Enhanced data quality and consistency, supporting governance and compliance initiatives.
- Enabled automated, rule-based workflows, reducing manual effort and improving efficiency.
- Assisted in integrating backend services with frontend components, improving platform reliability and user experience.

Clayfin Technologies | Software Developer | Bengluru | May 2023 – Sep 2025 Present

Project: Brac Bank

- Developed and enhanced backend microservices for core banking applications using Java 8, Spring Boot, and RESTful APIs
- Designed and optimized data persistence layers with JPA/Hibernate and Oracle DB for complex transactional operations.
- Built API integrations for critical banking modules including customer onboarding, transaction workflows, and regulatory reporting.
- Implemented multithreaded components for background processes such as log processing, audit trails, and data archiving.
- Managed source control and CI/CD workflows using GitLab, and deployed applications on IBM WebSphere.

Achievements:

- Integrated RESTful APIs into user interfaces, enhancing UI responsiveness and user experience.
- Collaborated with cross-functional teams to resolve complex issues, improving operational efficiency.
- Architected scalable and adaptable solutions, contributing to long-term platform growth

Masai School | Full Stack Developer Intern | Bangalore | Jan 2022 – Apr 2023

Project:- Blog Application|

- Built full-stack blogging platform with authentication, role management and REST APIs.
- Implemented pagination, sorting, and search for optimized data access.
- Added validation, exception handlin,g and Spring Security.

Achievements:

- Developed and maintained a Spring Boot application, contributing to a payment wallet project.
- Implemented database operations using Hibernate and JDBC.

Personal Details

Languages Known: English, Hindi and Marathi