

Harshal Kudale

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Profile

Senior Software Developer with 4+ years of experience building scalable backend and full-stack applications using Java, Spring Boot, React, and event-driven architectures. Experienced in designing microservices, building asynchronous workflows for real-time financial systems, and developing production-grade applications with a strong focus on clean architecture, object-oriented design, SOLID principles, reliability, and maintainability.

Technical Skills

Languages: Java (8/17), JavaScript, SQL
Backend: Spring Boot, Microservices, REST APIs, JPA/Hibernate, Event-Driven Architecture
Frontend: React, Next.js, HTML, CSS
Data & Messaging: RabbitMQ, MySQL, PostgreSQL, MongoDB
DevOps & Tools: Docker, Jenkins, Git, Maven, Linux/Unix

Professional Experience

Senior Software Developer - Full Stack

Pune, IN

(Mediaocean Asia Pvt. Ltd.)

July 2022 - present

- Designed and developed scalable Java 17 microservices using Spring Boot, applying object-oriented design, SOLID principles, and enterprise engineering standards.
- Built asynchronous, event-driven workflows using RabbitMQ for real-time financial systems, supporting the processing and reconciliation of 150,000+ transactions with a focus on reliability and consistency.
- Designed and implemented data persistence strategies using MySQL and MongoDB based on application requirements, performance considerations, and scalability needs.
- Developed and maintained CI/CD pipelines using Jenkins, Maven, and Docker, automating build, testing, and deployment workflows.
- Contributed to technical design, proof-of-concepts, feature development, debugging, and production improvements across customer-facing financial applications.
- Performed peer code reviews and contributed to maintaining high standards for code quality, security, maintainability, and audit compliance.
- Collaborated with cross-functional teams in an Agile environment to deliver features, solve complex technical problems, and continuously improve existing systems.

Projects

Bifurc

(Open-source API workspace)

- Designed and built a desktop API development workspace that combines localhost routing, traffic capture and replay, API mocking, protocol testing, and Git-backed configuration into a unified developer workflow.
- Implemented networking and proxy workflows including *.localhost routing (RFC 6767), HTTPS traffic interception, inspection, replay, and local service routing.
- Developed browser-assisted workflows for capturing live network traffic and creating reusable API requests and mocks directly from browser activity.
- Integrated Git-based workspace versioning to allow developers to track, manage, and collaborate on API configurations using familiar source-control workflows.

Education

B.E. Computer Science

Pune, IN

Pune University (SPPU)

2018-2022

- CGPA: 9.33 / 10.0
- Strong foundation in object-oriented programming, data structures, and software engineering principles.