

AKSHAY MANDGE

Java Backend Developer | Spring Boot | Microservices | REST & SOAP APIs

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PROFESSIONAL SUMMARY

Java Backend Developer with 5.6+ years of experience designing, building, and scaling backend systems using Java, Spring Boot, Hibernate, and Oracle for a telecom platform used by Vodafone Idea retail users. Proven track record migrating monolithic applications to microservices architecture, cutting release dependencies and improving deployment velocity. Skilled in building RESTful and SOAP APIs, integrating event-driven messaging (IBM MQ, Apache Kafka), SQL performance tuning, API security, and CI/CD with Docker and Jenkins. Strong record of Agile delivery, cross-functional collaboration, code review, and mentoring junior engineers.

SKILLS

Languages: Java 8, Java 21, SQL, HTML, CSS

Frameworks: Spring Framework, Spring Boot, Hibernate, JPA

Architecture: Microservices, RESTful APIs, SOAP, SOA, API Gateway, Service Registry / Discovery (Eureka), Load Balancing, Config Server, Circuit Breaker, Rate Limiter

Databases & Caching: Oracle, MySQL, Redis

Messaging: IBM MQ, Apache Kafka

Servers: Apache Tomcat, IBM WebSphere

Build, CI/CD & Containerization: Maven, Gradle, Jenkins, Docker, Kubernetes (Minikube)

Testing & Tools: Git, GitHub, GitLab, Postman, SoapUI, JMeter, Swagger, SonarQube, Log4j, SigNoz

Security: Keycloak, JWT Authentication, Spring Security

OS: Linux, Windows

Container Orchestration: Kubernetes (Minikube)

Cloud / Familiar With: AWS (EC2, S3, Lambda), Angular (basic - components, TypeScript fundamentals)

Process & Leadership: Agile Methodology, Team Handling, Code Review, Mentoring, Solutioning

CORE COMPETENCIES

- Backend system design and clean, modular code architecture for enterprise-scale applications.
- End-to-end ownership of microservices — from design and development through testing, deployment, and production support.
- Cross-functional collaboration with Business Analysts, QA, DevOps, and Product Owners in Agile/Scrum environments.
- Technical mentoring of junior developers, code reviews, and knowledge-sharing within the team.
- Root-cause analysis and debugging of production issues under time-sensitive conditions.
- Requirement analysis, solutioning, and technical design discussions with stakeholders.

PROFESSIONAL EXPERIENCE

Senior Programmer Analyst | Mobicule Technologies Pvt. Ltd., Pune

Jan 2021 - Present

Project: V-Connect Mobile Application — Client: Vodafone Idea Ltd.

Enterprise application used by Vodafone retailers for SIM activation, eKYC verification, payments, and customer onboarding.

- Developed independently deployable microservices for Login, SIMEX, Activation, and Payment modules using Java and Spring Boot, reducing cross-module dependency and improving release velocity.
- Built and shipped the Payment Module and “Choose Your Number” (CYN) feature, improving self-service capability for Vodafone Idea retail users.

- Integrated IBM MQ and Apache Kafka for asynchronous, event-driven communication, improving system responsiveness under high transaction volume.
- Designed RESTful and SOAP APIs using Spring Boot and Hibernate with business validation and Oracle database integration.
- Optimized SQL queries and tuned application performance, reducing response times in production workflows.
- Implemented centralized exception handling, structured logging, and API security using Spring Security and JWT authentication, strengthening application security posture.
- Containerized microservices with Docker and supported deployment processes across development and production environments for consistent, reliable release cycles.
- Participated in microservice architecture discussions, application design reviews, and technical solution planning to align implementations with business objectives.
- Collaborated closely with Business Analysts, QA, DevOps, and Product Owners to ensure timely delivery and maintain high-quality standards.

Technologies: Java 8/21, Spring Boot, Hibernate, Oracle, Microservices, IBM MQ, Kafka, Tomcat, REST, SOAP, Maven, Docker, Kubernetes

Project: mSafe Mobile & Web Application — Client: Vodafone Idea Ltd.

Internal application for employee onboarding, document verification, and approval workflows.

- Delivered backend services for onboarding and document verification workflows using Spring Boot and Hibernate.
- Implemented business logic, validations, and Oracle database integrations for approval workflows.
- Assisted with basic Angular UI components, supporting usability improvements for HR and onboarding teams.
- Provided ongoing production support and collaborated with cross-functional teams to deliver new features and enhancements.

Technologies: Java 8, Spring Boot, Hibernate, Oracle, REST APIs, Tomcat, Maven, Angular (basic)

Additional Contributions: Designed reusable backend components and frameworks; participated in requirement analysis and solution design; resolved production issues via root-cause debugging; mentored junior developers and led code reviews.

Java Developer Intern | Hefshine Software, Pune

Jun 2019 - Feb 2020

- Contributed to Java and Spring Boot applications; built REST APIs and resolved defects using JDBC, Servlets, JSP, and basic Angular.

EDUCATION

M.Sc. Computer Science, Savitribai Phule Pune University — 2017 - 2019

B.Sc. Computer Science, Savitribai Phule Pune University — 2014 - 2017

ACHIEVEMENTS

- Received Certificate of Excellence from Vodafone Idea for consistent high performance.
- Earned Client Appreciation for delivering critical backend functionalities within tight deadlines.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Pune