RISHABH GANWIR

+91 9893910256 • Rishabh.ganwir1@gmail.com • linkedin.com/in/rishabh-ganwir-75968b350 •
github.com/rishabhganwir

SUMMARY

Software Engineer with 4+ years of experience in Java, Spring Boot, microservices, REST APIs, DevOps, and cloud platforms. Proven ability to deliver scalable backend systems, implement multithreading and exception handling, enforce code quality, and support agile software development practices.

TECHNICAL SKILLS

Languages: Java, SQL **Frameworks:** Spring Boot, Spring Security, JPA, Hibernate, HTTP Client **Core Concepts:** Multithreading, Exception Handling **Tools:** GitLab, Jenkins, Docker, Postman, JMeter, SonarQube, Jacoco, JIRA **Cloud Platforms:** AWS (EC2, Beanstalk), Azure, Azure App Services **Databases:** PostgreSQL

PROFESSIONAL EXPERIENCE

Tata Consultancy Services, Nagpur, India: System Engineer FEB 2023 – OCT 2025

- Designed RESTful APIs in Spring Boot for backend service communication.
- Used Zipkin for tracing and performance debugging in microservice architecture.
- Configured CORS in Spring Boot to allow API access from Angular.
- Maintained 80%+ test coverage with JUnit; enforced code quality via SonarQube and Jacoco.
- Implemented multithreading in Java services to handle concurrent API requests efficiently.
- Applied robust exception handling strategies across microservices to ensure fault tolerance and reliability.
- Containerized Spring Boot microservices using Docker for consistent deployment across environments.
- Performed performance testing using Apache JMeter; identified and resolved response bottlenecks.
- Participated in Agile ceremonies, sprint planning, and production support.

Tata Consultancy Services, Nagpur, India: Assistant System Engineer JULY 2021 - FEB 2023

- Conducted code reviews and debugging to improve backend service quality.
- Performed regression, functional, smoke, and unit testing as per project requirements.
- Optimized slow SQL queries for faster data retrieval under high traffic.
- Achieved over 85% unit and integration test coverage.
- Integrated SonarQube and Jacoco for continuous code analysis and test monitoring.
- Developed error-handling mechanisms in backend services to minimize downtime during failures.
- Assisted in implementing multithreading for background processing tasks, reducing response latency.
- Supported containerization efforts using Docker for local development and testing.

KEY CONTRIBUTIONS

Unit Testing & Code Quality

Wrote detailed unit test cases using JUnit and Mockito, enhancing reliability and coverage.

- Collaborated with cross-functional teams in a CI/CD environment for smooth releases.
- Tuned database performance via indexing and query restructuring.
- Designed and executed JMeter-based performance test plans for load and scalability analysis.

ACHIEVEMENTS

Privacy Compliance Excellence Award

Recognized for contributions in secure software delivery and compliance.

EDUCATION

Bachelor of Engineering in Mechanical Engineering Graduating 2016 – 2020

University Institute of Technology, Bhopal (M.P.)