KIRAN SHIVANNA

Backend Developer — Java & Spring Boot — REST APIs — MySQL

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Summary

Java backend developer experienced in building and optimizing REST APIs using Spring Boot, Hibernate, and MySQL. Skilled in CI/CD automation, SQL query optimization, and backend load testing using JMeter with Grafana dashboards. Interested in performance engineering, scalable backend systems, and clean deployment workflows.

Highlights:

- Hands-on experience with containerized deployments, REST API documentation, and automation.
- Familiar with Agile development, code reviews, and performance benchmarking workflows.

Technical Skills

Backend: Java, Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Spring Security, Servlets
Database: MySQL, JDBC
Performance/Monitoring: JMeter, Grafana, Elastic APM (Basics)
DevOps & Tools: Git, GitHub Actions, GitLab CI/CD, Maven, Docker (Basics), Postman
Other: REST APIs, Microservices (Basics), AWS (Foundational), OOP, Collections
Tools: Swagger, IntelliJ IDEA, VS Code, Linux Terminal, Git CLI

Experience

Backend Engineering Intern — Nimblix Technologies, Bengaluru   Aug 2025 — Present

- Built and optimized REST APIs handling scalable request loads using Spring Boot and MySQL.
- Executed performance tests using JMeter (up to 2000+ concurrent users) to benchmark stability.
- Integrated Grafana and Elastic APM to analyze latency and detect slow database operations.
- Automated CI/CD pipelines using GitHub Actions to streamline deployment stages.
- Contributed to sprint planning, peer reviews, and technical documentation for backend modules.

Projects

School Management System — Driver Dashboard   GitHub
Tech: Spring Boot, MySQL, Hibernate, REST APIs

- Developed backend modules for authentication, route assignment, and driver workflows.
- Improved endpoint performance by 30–40% using pagination and optimized SQL queries.

Backend Performance Benchmarking Suite
Tech: JMeter, Spring Boot, MySQL, Spring Security, Grafana

- Designed and executed benchmarking scenarios validating backend stability under varying load.
- Monitored throughput trends and latency data using dashboards and generated reports.

CI/CD Automation Pipeline   GitLab
Tech: GitLab CI/CD, Maven, Docker

- Built a controlled CI/CD pipeline enabling clean build/test/package deployment cycles.
- Containerized backend with Docker for consistent environment replication.

Achievements

- Reduced API latency during load testing through SQL tuning and configuration improvements.
- Published backend benchmarking repository demonstrating end-to-end testing methodology.

Education

B.E. Computer Science and Engineering — VTU   Graduation: 2025
CGPA: 8.13

Certifications

Backend Development - Nimblix Technologies (2025)
Full Stack Web Development — Tap Academy (2025)
Web Development Fundamentals — IBM (2022)

Interests

Interests: Backend engineering, Spring ecosystem, CI/CD automation, database optimization, performance testing, API security.