

KIRAN SHIVANNA

Java Backend Developer | Spring Boot | REST APIs | MySQL | JMeter | CI/CD
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Professional Summary

Java backend developer with experience building REST APIs using Spring Boot, MySQL, and Hibernate, with hands-on CI/CD automation and performance/load testing using JMeter and Grafana.

Technical Interests: Backend development with Spring Boot, API design and security, SQL performance tuning, Load testing and monitoring, CI/CD pipelines

Technical Skills

Backend: Java, Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Spring Security, JSP, Servlets

Web: HTML, CSS

Database: MySQL, JDBC

Performance: JMeter (Load/Stress/Spike/Endurance Testing), Grafana, Elastic APM (Awareness)

DevOps & Tools: Git, GitHub Actions, GitLab CI/CD, Maven, Postman, IntelliJ IDEA, VS Code

Concepts: REST APIs, JSON, XML, OOP, MVC, Collections Framework, Microservices (Basics)

Cloud: AWS (Learning)

OS: Windows, Linux (Basic)

Additional Tools: Eclipse, VS Code, Postman, MySQL Workbench, Chrome DevTools

Experience

Backend Developer Intern — Nimblex Technologies, Bengaluru

Aug 2025 — Present

- Developed and optimized REST APIs for Driver, Vehicle and Announcement modules to support increasing user load.
- Executed load and performance testing using JMeter to validate API scalability under concurrency spikes.
- Used Grafana and Elastic APM to monitor latency trends and identify slow-running database queries.
- Automated build-test-deploy workflows using GitHub Actions, reducing manual release effort.
- Collaborated with backend and QA teams in sprints, code reviews and API documentation.

Projects

School Management System — Driver Dashboard (Backend Development)

Java, Spring Boot, MySQL, Hibernate, REST APIs

- Built backend modules for driver registration, route assignment, and record management.
- Designed and documented REST APIs for frontend integration and validated workflows using Postman.
- Improved data handling performance using optimized SQL queries and pagination.

Backend Performance Benchmarking Suite (Performance Engineering)

JMeter, Spring Boot, MySQL, Spring Security, Grafana, GitHub Actions

- Designed and executed stress, spike and endurance tests simulating up to 2000 concurrent users.
- Benchmarked authentication endpoints to ensure response consistency under heavy load.
- Automated load test execution and reporting using GitHub Actions and integrated monitoring dashboards.

CI/CD Pipeline for Spring Boot Application (DevOps Automation)

GitLab CI/CD, Spring Boot, Maven, Docker

- Configured a GitLab CI/CD pipeline to automate build, test, and deployment stages for a Spring Boot application.
- Integrated Maven build and unit test execution to enforce code quality before deployment.
- Implemented environment-based deployment workflow to streamline release cycles and reduce manual setup effort.

Achievements

- Improved API responsiveness during load testing by tuning SQL queries and configuration parameters.
- Published backend performance testing repository on GitHub.

Education

B.E. Computer Science and Engineering — Shridevi Institute of Engineering & Technology (VTU)

CGPA: 8.13

Graduation: 2025

Certifications

Java Backend Development — Nimblex Technologies (2025)

Full Stack Web Development — Tap Academy (2025)

Web Development Fundamentals — IBM (2022)