KIRAN SHIVANNA

Software Developer | Backend Engineering | REST APIs | MySQL | JMeter | CI/CD

✉ kiran.shivanna.dev@gmail.com 📞 +91 93532 35177 📍 Bengaluru, India

in linkedin.com/in/kiran-s-323613229 ○ github.com/kirans93 🌐 kirans93.github.io

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, Servlets
Web: HTML, CSS
Database: MySQL, JDBC
Performance & Monitoring: JMeter (Load/Stress/Spike Testing), Grafana, Elastic APM (Awareness)
DevOps & Tools: Git, GitHub Actions, GitLab CI/CD, Maven, Docker (Basics), Postman, IntelliJ IDEA, VS Code
Concepts: REST APIs, API Security, MVC, OOP, Collections Framework, Microservices (Basics)
Cloud: AWS (Foundational)
Operating Systems: Windows, Linux (Basic)

Experience

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

- Built and optimized REST APIs supporting scalability and improved request handling under increasing load.
- Performed load and stress testing using JMeter to validate backend performance and stability.
- Used Grafana and Elastic APM for latency analysis and identification of slow DB operations.
- Implemented GitHub Actions for CI/CD pipelines, automating build and deployment workflows.
- Collaborated in agile sprints, contributed to code reviews, and documented APIs for frontend integration.

Projects

School Management System — Driver Dashboard
Spring Boot, MySQL, Hibernate, REST APIs   GitHub Repo
- Built backend modules for driver registration, route assignment, and authentication.
- Optimized SQL queries and added pagination, reducing response time for large dataset endpoints by 30–40% in load tests.

Backend Performance Benchmarking Suite
JMeter, Spring Boot, MySQL, Spring Security, Grafana
- Designed and executed load tests for up to 2000 concurrent users, validating API stability and identifying bottlenecks under peak traffic conditions.
- Benchmarked authentication endpoints and monitored performance using dashboards and metrics visualization.

CI/CD Automation Pipeline   GitLab Repo
GitLab CI/CD, Spring Boot, Maven, Docker
- Built a GitLab CI/CD pipeline with build, test, and package stages, ensuring consistent and repeatable builds.
- Containerized the application using Docker to maintain consistent runtime environments across development and testing.

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

Full Stack Web Development — Tap Academy (2025)
Web Development Fundamentals — IBM (2022)