

RITIK BANSOD

Java Backend Developer | Spring Boot · Kubernetes · Kafka · CI/CD

github.com/ritikbansod | linkedin.com/in/ritik-bansod-3267011b5 | ritikbansod.github.io

ritikbansod.work@gmail.com | Pune, India

SUMMARY

Java Backend Developer with 3+ years at Wipro building enterprise-grade web applications and cloud-native microservices with Core Java, Spring Boot, and RESTful services. Operates containerized workloads on Kubernetes (Helm) inside Service Mesh environments, with Kafka-based event-driven integration, Jenkins CI/CD automation, and Prometheus/Grafana observability. Works AI-first with AWS Kiro and Claude agent workflows, MCP, and Spring AI.

CORE SKILLS

Languages: Core Java, Python, SQL, Shell Scripting

Backend: Spring Boot, Spring Security, Spring AOP, Hibernate/JPA, RESTful Web Services

Architecture: Microservices, Distributed Systems, Event-Driven Architecture, Service Mesh

DevOps: Docker, Kubernetes, Helm, Jenkins CI/CD, Linux/Unix, Maven, Git, Gerrit

Data & Messaging: MySQL, PostgreSQL, Apache Kafka, Strimzi, Schema Registry

Observability & Quality: Prometheus, Grafana, SonarQube, JUnit 5, Mockito

AI-Native Tooling: AWS Kiro, Claude, MCP (Model Context Protocol), Spring AI, LangChain4j

PROFESSIONAL EXPERIENCE

Software Developer | Wipro Limited

March 2023 to Present

Pune, India

- Designed and developed enterprise-grade microservices using Core Java and Spring Boot, applying OOAD, SOLID principles, and design patterns for modular, extensible components.
- Built secure, scalable RESTful APIs; resolved concurrency defects with thread-safe design, retry mechanisms, and performance profiling.
- Improved backend processing efficiency by **25%** through business workflow and data processing optimization.
- Integrated Apache Kafka with Strimzi and Schema Registry for reliable event-driven communication across distributed services.
- Containerized applications with Docker and deployed to Kubernetes via Helm charts within a Service Mesh environment.
- Increased deployment efficiency by **30%** by automating CI/CD pipelines in Jenkins.
- Implemented Prometheus and Grafana monitoring with alerting; performed root-cause analysis of production issues across distributed services.
- Strengthened code quality through SonarQube analysis, code reviews, and JUnit 5/Mockito unit and integration tests.

KEY ACHIEVEMENTS

- Cut backend processing time by **25%** by reworking business workflows and data processing paths in high-throughput services.
- Raised deployment efficiency by **30%** through fully automated Jenkins CI/CD pipelines.
- Built and published open-source projects on GitHub, including a full-stack microservices platform with a React frontend and an AI-augmented developer profile.

PROJECTS

GRE Prep Hub (Open Source)

github.com/ritikbansod/gre-exam-tracker

Full-stack GRE preparation platform: study guide, curated resources, university shortlists, and scheduled real-time mock exams with server-synced countdowns, instant scoring, and per-question review. Built as Spring Boot microservices (Eureka, Spring Cloud Gateway, JWT) with a React (Vite) frontend and an ADMIN-gated console.

- Architected the microservices stack: Eureka discovery, Spring Cloud Gateway routing, and stateless JWT security shared across services.
- Built the React (Vite) frontend and the ADMIN-gated authoring, scheduling, and role-management console.

CERTIFICATIONS

AWS Certified Cloud Practitioner · Kubernetes Application Developer Training (KodeKloud) · Spring Boot Level 1 & 2 (Wipro) · Java Full Stack Development (Great Learning)

EDUCATION

Bachelor of Engineering (B.E.), Electrical Engineering

2018 to 2022

St. Vincent Pallotti College of Engineering and Technology, Nagpur