

Krishna Tyagi

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Professional Summary

Backend Engineer with **1+ years of experience** building and operating **Java/Spring Boot** services, high-throughput **REST APIs**, and **multi-tenant SaaS systems**. Demonstrated impact in latency reduction, SQL optimization, production reliability, and secure authentication across distributed environments.

Experience

Vegazva Group Dec 2025 – Present

Backend Developer Gurugram, India

- Maintained and enhanced Java and Spring Boot services supporting **20K+ daily API requests** with **99.9% uptime**.
- Refactored legacy backend modules across **10+ services**, reducing recurring production defects.
- Executed performance profiling and **load testing** to validate system behavior under **2x peak traffic**.
- Enforced structured logging and correlation IDs, reducing incident diagnosis time by **35%**.
- Analyzed slow queries and indexing strategies, improving database response times for critical endpoints.
- Hardened error-handling and retry mechanisms to prevent cascading service failures.
- Assisted in release deployments and post-release monitoring for backend services.

Innobit Systems Dec 2024 – Dec 2025

Software Engineer (Java Backend) Ghaziabad, India

- Architected and maintained a **multi-tenant SaaS backend** serving **50+ merchants** with strict data isolation.
- Applied subdomain-based authentication and access control for tenant-specific routing.
- Integrated **PayPal Subscription APIs** handling recurring billing for **1K+ active subscriptions**.
- Expanded logistics pipelines integrating **UPS and TForce Freight** with automated tax calculation.
- Reduced average API response time by **20%** through endpoint redesign and SQL optimization.
- Migrated authentication to **Keycloak cookie-based sessions**, reducing auth-related incidents by **25%**.
- Diagnosed and resolved **high-severity production issues** using SQL execution plans and JVM thread analysis.
- Reviewed pull requests and enforced backend coding standards.
- Documented API contracts and backend workflows to support cross-team development.

PlatUI Jan 2024 – Apr 2024

Software Engineering Intern Ghaziabad, India

- Delivered reusable **React** components used across multiple client-facing screens.
- Built a **Python Flask middleware** enabling structured communication with the **OpenAI API**.
- Resolved asynchronous data flow issues across **React, Flask, and Java microservices**.

Education

ABES Institute of Technology Oct 2021 – Jun 2025

B.Tech Computer Science (AI) Ghaziabad, India

Technical Skills

Languages:	Java, Python, SQL, JavaScript, C++
Frameworks:	Spring Boot, Hibernate, JPA, React, Django, Flask
Core Competencies:	REST APIs, Microservices, Multi-tenant Architecture, SQL Optimization, Production Debugging, Scalability
Tools & DevOps:	MySQL, Git, Postman, Docker, Apache Superset, Keycloak
Integrations:	PayPal, UPS, TaxJar, IPQS, OpenAI API