Vishal Gupta

Java Backend Developer — Spring Boot, REST APIs

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Summary

- Entry-level Java Backend Developer with hands-on experience in **Spring Boot, REST APIs, JWT Authentication, and MySQL**.
- Built scalable backend systems and real-time applications using **WebSockets (STOMP)**.
- Strong foundation in **Data Structures, Object-Oriented Programming**, and backend system design.

Technical Skills

- **Programming & Web:** Java, SQL
- **Backend Technologies:** Spring Framework, Spring Boot, RESTful APIs, JWT Authentication, MVC Architecture
- **Microservices & ORM:** Spring Boot Microservices, JPA, Hibernate
- **Real-Time Systems:** WebSockets (STOMP)
- **Databases:** MySQL
- **API Testing:** Postman
- **Version Control & Tools:** Git, GitHub
- **Core CS:** Data Structures and Algorithms, Object-Oriented Programming

Projects

Online Selling Course Platform — Spring Boot, MySQL, Spring Security [GitHub]
- Developed a full-stack course platform supporting **200+ users**.
- Designed and implemented **10+ RESTful APIs** for courses, enrollment, and user management.
- Implemented **JWT-based authentication** with role-based access for **3 user roles**.
- Optimized MySQL queries, improving API response time by **30%**.
- Followed MVC architecture and REST best practices to ensure scalability and maintainability.

Real-Time Chat Application — Spring Boot, WebSockets, MongoDB [GitHub]
- Built a real-time messaging application supporting **50+ concurrent users**.
- Implemented WebSockets (STOMP) enabling bidirectional communication with **200 ms latency**.
- Secured chat sessions using **JWT authentication**.
- Added **5+ real-time features** including chat rooms, typing indicators, and online presence tracking.
- Reduced message latency by approximately **40%** compared to HTTP polling.

Certifications

- **Software Engineering Job Simulation** — JPMorgan Chase & Co. (Forage), Jan 2026
- **Java Programming** — Udemy

Achievements

- Presented research paper titled *"Noise-Resilient Skin Lesion Classification using Vision Transformers"* at **ICACIT 2025**.
- Secured **Top 3 position** among **150+ participants** in ACPC AlgoHour 3.0 competitive programming contest.
- Selected among **top 10% candidates** for QSpiders Incubation Integrated Bootcamp Program.

Education

- **Bachelor of Technology – Computer Science Engineering**   2022-2026
  Technocrats Institute of Technology-CSE, Bhopal   CGPA: **7.75**
- **Senior Secondary School**
  Pundit Kali Prasad Upadhyay Inter College, Basti (U.P.)   Percentage: **74%**
- **High School**
  Dr. Sushila Tiwari Grameen Inter College, Azamgarh (U.P.)   Percentage: **84%**

Languages

- Hindi
- English