



# VIMAL KUMAR

Java Springboot Developer

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A highly motivated and skilled Computer Science student, seeking a challenging role as a Java Spring Boot Developer where I can leverage my backend development skills, hands-on project experience, and enthusiasm for building scalable applications. Passionate about learning new technologies and contributing to impactful software solutions. Proven ability to work in collaborative environments and deliver results under tight deadlines.

## Projects

### Restaurant Management System | Tech Stack: Java, JFrame, MySQL

- Developed a backend system to manage restaurant orders, menu, and billing, using Spring Boot RESTful APIs and database integration.

### Student Management System | Tech Stack: Java, Spring Boot, Thymeleaf

- Created a web app for managing student records with full CRUD operations and MySQL database.

### SmartHire – Placement System with AI | Tech Stack: Java, Spring Boot, Thymeleaf, MySQL, NLP

- AI-powered placement portal with resume scoring and test analysis using Spring Boot REST APIs and Thymeleaf frontend.
- Implemented admin panel for managing companies and job posts, student registration with resume upload, and simulated email notifications for test results.

### Smart Helmet for Accident Prevention and Alcohol Detection | Tech Stack: C++, ESP32, MPU6050, MQ-3, GPS, Relay Module, Arduino

- Engineered a smart safety helmet equipped with alcohol detection and accident detection sensors. Used ESP32 microcontroller to send real-time alerts, control bike ignition via relay, and communicate GPS location during accidents. Ensured safety features trigger only under critical conditions.

## Education

### Bachelor's Degree in Computer Science Engineering | I.K. Gujral Punjab Technical University

- Expected Graduation: 2026
- CGPA: 7.5

## Skills

**Languages/Frameworks:** Core Java, Spring Boot, Spring MVC, Hibernate/JPA | **Databases:** MySQL | **Version Control:** Git, GitHub | **Frontend:** HTML, CSS, JavaScript (Basic) | **Others:** RESTful APIs, Microservices basics, Java 8 (Streams, Lambda)

## Languages

English  
Hindi  
Punjabi

## Extra-Curricular Activities

- Sports Coordinator** – Organized and led various inter-college sports events and tournaments.
- Placement Coordinator** – Facilitated campus recruitment drives and student placement activities.
- Startup Club Coordinator** – Played a key role in mentoring student entrepreneurs and organizing innovation fests.
- Active participation in college-level technical, cultural, and leadership programs.**

## Certifications

- Java Programming Certification** – DataFlair
- Data Analytics Summer Internship Certificate** – IBM SkillsBuild & CSRBOX (June–August 2024)