

VIMAL KUMAR

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OBJECTIVE

Enthusiastic and detail-oriented Computer Science graduate with a strong foundation in Java programming and software development principles, seeking to leverage my technical skills and collaborative spirit as a Java Developer to contribute to innovative and challenging projects.

EDUCATION

B.Tech in Computer Science , IKGPTU Amritsar Campus	Expected 2026
Intermediate (10+2) , Govt. School, Majitha, Amritsar	2020 - 2022
High School (10th) , Sri Guru Gobind Singh Public School, Chetanpura, Amritsar	2020

SKILLS

Technical Skills	C, C++, Java, MySQL, Spring Boot, JFrame, System Design, DSA, OOPs, HTML, CSS
Soft Skills	Communication, Team Work, Leadership, Management, Critical Thinking, Problem Solving

EXPERIENCE

Technical Assistant PHD Chamber of Commerce	Nov 2023 - Dec 2023 <i>Amritsar, Punjab</i>
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- Worked in the Annual Trade Fest PITEX organized by PHD Chamber of Commerce.
- Gained multiple skills and qualities through team collaboration.
- Worked with my team to ensure the event's success.

PROJECTS

Banking System. Developed a command-line based banking system in Java that allows creation and management of multiple user accounts. Implemented features such as account creation, deposit, withdrawal, and balance inquiry. Maintained transaction history using file handling.

Technologies: Java, File I/O, OOPs

Skills: Object-Oriented Design, Problem Solving, Data Management

Restaurant Management System. Designed and implemented a Restaurant Management System to handle menu operations, customer orders, table reservations, and billing. Used object-oriented principles and modular code structure for scalability. Integrated MySQL for persistent data storage.

Technologies: Java, MySQL, JDBC, Swing

Skills: Full-Stack Development, Database Design, Order Processing Logic

Smart Helmet for Accident Detection and Alcohol Prevention. 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.

Technologies: C/C++, ESP32, MPU6050, MQ-3, GPS, Relay Module, Arduino IDE

Skills: Embedded Systems, IoT, Real-Time Alerting, Safety Engineering

EXTRA-CURRICULAR ACTIVITIES

- Member of NSS – Engaged in activities to foster personality development and social responsibility.
- NCC Cadet – Learned discipline, leadership, and civic sense. Motivated toward a career in the armed forces.

VOLUNTEERSHIP

- Volunteered at ISKCON Sri Gokul Gaushala Amritsar as Social Media Handler. Helped organize events and contributed to community outreach.