

# Vikram Singh

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## Education

### Lovely Professional University

Bachelor of Technology in Computer Science

August 2022 – May 2026

Jalandhar, Punjab, India

- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Software Engineering
- Technical Focus: Project Management, Oracle Database Administration, Object-Oriented Programming (C++)

### Lucknow Public School

Secondary Education

April 2014 – May 2022

Lucknow, Uttar Pradesh, India

## Technical Skills

- **Programming Languages:** C++, SQL, Python (proficient), Java
- **Database Technologies:** Oracle Database, MySQL, Database Design and Optimization
- **Project Management Tools:** Agile/Scrum methodologies, JIRA, Trello, MS Project
- **Development Tools:** Git, GitHub, Visual Studio Code, Eclipse
- **Core Competencies:** Data Structures & Algorithms, Software Development Lifecycle, Systems Design
- **Soft Skills:** Cross-functional Team Leadership, Stakeholder Communication, Problem-Solving

## Professional Experience

### Jan Jeevika Seva Sansthan

Program Coordinator

Raebareli, Uttar Pradesh, India

June 2023 – Present

- Led cross-functional teams of 15+ volunteers in executing 8+ community awareness campaigns, reaching 5,000+ individuals across rural and urban areas
- Managed end-to-end project lifecycle for environmental sustainability initiatives, including planning, resource allocation, execution, and impact measurement using data-driven approaches
- Developed and maintained project tracking systems using spreadsheets and databases, improving program efficiency by 30% and enabling real-time stakeholder reporting
- Designed and implemented community engagement strategies that increased participation rates by 45% through targeted communication and iterative feedback loops
- Coordinated with government bodies, NGOs, and corporate sponsors to secure resources and partnerships, successfully managing a program budget of INR 500,000+
- Created educational content and training materials for sustainability workshops, demonstrating strong technical communication skills
- Applied agile project management principles to adapt campaign strategies based on community feedback and measurable outcomes

## Technical Projects

### Community Impact Dashboard

2024

- Designed and developed a data visualization dashboard to track and analyze social impact metrics across multiple programs
- Implemented using Python, SQL, and data visualization libraries to process 10,000+ data points
- Enabled stakeholders to make data-driven decisions, reducing reporting time by 60%

### Database Optimization Project

2023

- Optimized Oracle Database queries for volunteer management system, improving query performance by 40%
- Redesigned database schema following normalization principles to reduce data redundancy
- Documented technical specifications and created user guides for system administrators

## Certifications & Achievements

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- **Google Project Management Professional Certificate** – Completed coursework in Project Planning and Execution
- **ISC2 Candidate** – Cybersecurity certification candidate
- **Project Management: Foundations and Initiation** – LinkedIn Learning
- **HackerRank Certified** – Problem-solving and algorithmic thinking
- Led university-level coding workshops for 50+ students in C++ and data structures

## Leadership & Activities

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- **Technical Team Lead:** Mentored 10+ junior students in competitive programming and interview preparation
- **Community Builder:** Organized 5+ tech talks and workshops on emerging technologies and career development
- **Open Source Contributor:** Active participant in GitHub projects focused on educational tools and sustainability