

# Vivek Mahato

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GitHub Profile | LinkedIn Profile



## OBJECTIVE

Motivated Computer Science undergraduate seeking an opportunity to apply strong academic foundations and practical skills in a dynamic and collaborative environment. Eager to contribute to innovative, technology-driven projects, enhance technical proficiency, and gain valuable industry experience while delivering meaningful value to the organization.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Java, JavaScript, SQL

**Frontend:** HTML, CSS, React.js

**Backend:** Node.js, Spring Boot, Servlets, JSP

**Cloud/Databases:** MongoDB, Relational Database(MYSQL)

**Relevant Coursework:** DSA, OS, OOPs, DBMS.

**Tools And Platforms:** Git, GitHub, VS Code

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## EDUCATION

- **Bachelor of Technology (B.Tech) in Computer Science & Engineering**  
Asansol Engineering College, Asansol, West Bengal  
2022 – Present  
**CGPA:** 7.38
- **Higher Secondary Education (CBSE)**  
Priyadarshini Public School, Kulti, West Bengal  
2021 – 2022  
**Percentage:** 62.6%
- **Secondary Education (CBSE)**  
Tressa Block School, Dhanbad, Jharkhand  
2019 – 2020  
**Percentage:** 68.5%

## PROJECTS

### • DataBase Normalizer - DBNORM

*An Efficient Database Normalizer*

- Built a full-stack web application using React + Spring Boot to analyze and normalize relational database schemas.
- Implemented normalization logic to identify normal forms and normalize schemas up to BCNF in real time.
- Developed a stateless backend to process user-defined schemas and functional dependencies, documented on GitHub.

### • Sanrakshan

*Online Blood - Donor Management System*

- Developed a web-based system for efficient blood and organ donation management for patients.
- Used JSP, CSS, JavaScript, Servlet, MySQL for seamless user experience with secure database management.
- Improved donation and request handling efficiency, reducing manual effort and ensuring real-time stock updates.

## CERTIFICATION

WEB DEVELOPMENT by Daniel Randall :- COURSERA .

## ACHIEVEMENTS

- Secured **7th Rank among 1000+ participants** in the **IHMMC 2024** (April 2024), demonstrating strong problem-solving and analytical skills.
- Awarded **3rd Position for Best Innovative Idea** at the **IE(I) Student Chapter, Asansol Engineering College** (October 2023) for proposing a technology-driven solution.