

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.