Vaibhav Verma

Software Engineering Student | Aspiring SDE | Strong in DSA & Full-Stack Development

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LinkedIn: linkedin.com/in/vaibhavverma389 | GitHub: github.com/vaibhavverma389 | LeetCode: leetcode.com/vaibhavverma389

EDUCATION

Bachelor of Technology in Computer Science, *GLA University, Mathura*	June 2027
Diploma in Electrical Engineering , Government Polytechnic Ayodhya	Sep 2023
Intermediate, Diamond Inter College, Rampur Bhagan, Ayodhya	June 2020
High School, Diamond Inter College, Rampur Bhagan, Ayodhya	April 2018

INTERNSHIP/ TRAINING EXPERIENCE

Job-Oriented Value-Added Course, GLA University, Mathura
June 2025 – July 2025
Trainee
- Gained hands-on experience in HTML, CSS, and JavaScript fundamentals for web development.
- Understood concepts of DOM manipulation, event handling, responsive layouts, and form validation.
- Built a full-stack project titled "Smart Bus Booking System".
- Collaborated with peers in requirement gathering, UI design, and testing phases.

PROJECTS

Smart Bus Booking System (Nov 2025)

Tech Stack: React | JavaScript | HTML | CSS | Node.js | MongoDB
- Developed a full-stack bus ticket booking system using React and Node.js following MVC architecture.
- Designed and implemented RESTful APIs for seat booking, schedules, and user operations.
- Performed CRUD operations using MongoDB for managing users, bookings, and routes.
- Optimized database queries to improve response time and performance.
- Implemented form validation and ensured secure data handling.

Live: https://www.thesmartbu.me
GitHub: https://github.com/vaibhavverma389/bus_bookings

Student Management System (Dec 2025)

Tech Stack: Node.js | Express.js | EJS | HTML | CSS | MongoDB
- Built a full-stack Student Management System using Node.js, Express, and MongoDB.
- Implemented complete CRUD operations (Create, Read, Update, Delete) for student records.
- Designed REST APIs for data handling and integrated them with frontend views.
- Applied DBMS concepts such as indexing and efficient data retrieval.

Live: https://student-management-system-vaibhav.vercel.app
GitHub: https://github.com/vaibhavverma389/student-management-system

SKILLS

Core CS: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Problem Solving

Programming: Java, JavaScript, Python

Web: HTML, CSS, React, Node.js, Express.js, REST APIs

Backend Concepts: CRUD Operations

Database: MongoDB, SQL (Basic)

Tools: Git, GitHub, VS Code

Other: R, MATLAB

PROFESSIONAL ACHIEVEMENTS/ INSIGHTS

- Solved 200+ problems on LeetCode, improving algorithmic thinking and coding efficiency.
- Developed and deployed personal projects on GitHub with clean, documented code.
- Completed Job-Oriented Value-Added Course in Web Development at GLA University.

CO-CURRICULAR ACTIVITIES

- Active LeetCode participant regularly practices data structures and algorithms.
- Participated in "Behind the Code" online webinar organized by GDG, featuring industry insights from Anshaj Sharma (SDE II, Amazon).
- Attended coding workshops organized by GLA University.