

Vaibhav Verma

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

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LinkedIn: [linkedin.com/in/vaibhavverma389](https://www.linkedin.com/in/vaibhavverma389) | GitHub: github.com/vaibhavverma389 | LeetCode: leetcode.com/vaibhavverma389

EDUCATION

Bachelor of Technology in Computer Science, <i>GLA University, Mathura</i>	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

Portfolio (Projects, Skills & Resume): <https://vaibhav-verma-portfolio.vercel.app>

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

Secure Student Portal & Admin Analytics System

(Jan 2026)

Tech Stack: Node.js, Express.js, MongoDB, Passport.js, EJS

- Built a secure role-based authentication system (Admin/Student) using Node.js and Passport.js.
- Implemented real-time user activity tracking with throttling for accurate last-active status.
- Developed a visitor analytics module capturing IP, device, location, and page usage for admins.
- Improved backend reliability by eliminating guest, auth, and static route noise from logs.

Live: <https://nptelassignments.vercel.app>

GitHub: <https://github.com/vaibhavverma389/nptel-assignment-help>

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: Authentication, Authorization, Session Management, REST APIs

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.