VISHAL PATEL

Jaunpur, Uttar Pradesh

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PROFESSIONAL SUMMARY

Final-year **Computer Science student** with problem-solving skills (**800+ DSA problems solved**) and hands-on experience in **full-stack web development** (React, Node.js, Express, MongoDB). Completed an internship at Banaras Locomotive Works, developing a MERN-stack Inventory Management System. Seeking a **Software Engineer role** to apply backend and frontend expertise in building scalable, user-focused applications.

EDUCATION

Madan Mohan Malaviya University of Technology, Gorakhpur   **2022 – 2026**

Bachelor of Technology in Computer Science and Engineering — ***CGPA: 8.33/10***   *Gorakhpur, India*

PROJECTS

StudyNotion – Ed-Tech Platform | Live Demo ⤤*   **Sept 2024**
- Developed a responsive web platform for students to access courses and learning resources.
- Implemented authentication, course purchase and enrollment, and interactive dashboards.
- Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB.

To-Do App – Task Manager | Live Demo ⤤*   **Apr 2025**
- Designed and built a full-stack To-Do application to manage daily tasks efficiently.
- Created a clean, responsive UI with React and Tailwind CSS.
- Integrated MongoDB with Mongoose for schema modeling and data storage.
- Tech Stack: React.js, Tailwind CSS, Node.js, MongoDB.

INTERNSHIPS

Banaras Locomotive Works, Varanasi, India   **Jun 2025 – Aug 2025**

Summer Intern – Software & CNC Programming Varanasi, India

* Worked on locomotive software systems and CNC programming processes.
* Developed a MERN-stack **Inventory Management System** to track locomotive spare parts and tools.
* **Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB.
* **Live Demo:** ⤤ View Project
* **Certificate:** ⤤ View Certificate

TECHNICAL SKILLS

Programming Languages: C++, C, Java (Familiar), Python
Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Tailwind CSS
Core CS Concepts: Data Structures & Algorithms (DSA), DBMS, Operating Systems, Computer Networks
Tools: Git, GitHub, REST APIs, Deployment (Vercel/Render)

CERTIFICATIONS

- Web Development Bootcamp (MERN Stack)-CodeHelp
- GfG 160 – 160 Days of Problem Solving (with Summer Workshops)
- Getting Started with Competitive Programming-NPTEL
- Introduction to Machine Learning-NPTEL

ACHIEVEMENTS

- Solved 600+ problems on LeetCode, improving proficiency in arrays, DP, and graph algorithms.
- Completed 200+ coding challenges on GeeksForGeeks, with focus on recursion, data structures.
- Achieved CodeChef 2 rating (Max Rating: 1451) through participation in competitive programming contests.

LANGUAGES

* English
* Hindi