Vishal Bist

Software Developer | Web Developer

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Summary

Passionate final-year B.Tech Computer Engineering student specializing in full-stack web development with **MERN stack** and **Tailwind CSS**.

Built responsive applications including a doctor appointment system with multi-role authentication and a social media analytics tool integrating third-party APIs. Eager to contribute to innovative teams through strong problem-solving, DSA, and system design skills honed in hackathons

Skills

Programming languages : C, C++, Javascript

Tech skills : React.js, Express.js, Node.js, Redux, Redis, Tailwind CSS, Docker, GitHub, Postman

Databases : MySQL, MongoDB

Others : Data structures & algorithms, System design

Soft skills : Effective Communication, Adaptability, Critical Thinking.

Projects

Prescripto – Doctor appointment booking app (MERN Stack)

Website Link

Admin Link

- Developed a full-stack application enabling users to book appointments with doctors.
- Implemented three-layer authentication for users, doctors, and admins, enhancing security and management.
- Designed responsive UI with React and Tailwind CSS; managed backend with Node.js, Express.js, and MongoDB.

Result: Streamlined booking process.

Social Sync – Social media analysis (Team Project)

GitHub Link

- Collaborated in a team of four to build a platform analyzing social media handles via integrated APIs (YouTube, Twitter).
- Created visual data representations using Chart.js for user insights.
- Handled frontend with React and Tailwind CSS for a clean, responsive interface

Result: Provided actionable analytics.

Sorting Algorithms Visualizer

Website Link

- Built an interactive tool visualizing array sorting with dynamic size and speed controls.
- Focused on educational value to explain algorithm mechanics.

Result: Enhanced user understanding of various sorting algorithms.

Education

University of Lucknow   10/2022 – 06/2026 (expected)
B.Tech in Computer Engineering

Sidhi Vinayak Public School   2021
Intermediate

Narayana Public School   2019
High School

Training and Certification

- FreeCodeCamp – Responsive Web Design   • Sololearn – C++
- Attended PRISM 2024 at the Faculty of Engineering and Technology, University of Lucknow — showcasing innovation and skills through tech-based activities.