Vishal Kumar

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Profile Summary

Results-driven Software Developer pursuing B.Tech in Computer Science Engineering with strong foundations in Data Structures, Algorithms in C++, and core CS fundamentals. Mentor at GSSoC'25 with proven problem-solving skills, having solved 350+ coding challenges. Skilled in MERN stack, React, Node.js, APIs, and building scalable applications.

Education

Bengal College of Engineering and Technology   Durgapur, WB, India
B.Tech in Computer Science & Engineering   November 2022 – June 2026 (Expected)

- **Relevant Coursework:** Algorithms, Data Structures with C++, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Networks, Artificial Intelligence, Software Engineering

Experience

Full Stack Development Intern   August 2025 - Present
OutriX   Remote

- Developing a full-stack Blog Platform with CRUD operations, authentication, and dynamic routing using **React + Vite**, **Node.js**, **Express**, and **MongoDB**. Building a real-time chat app using **Socket.IO** for persistent, multi-user messaging.

Projects

Job Portal Web Application —Live   MERN Stack, Tailwind CSS, Redux Toolkit

- Developed a full-stack job portal using MERN stack with role-based access for job seekers and recruiters, featuring authentication, job applications, saved listings, company management, and responsive UI with Redux Toolkit and TailwindCSS.

AI Virtual Assistance —Live   React, Tailwind CSS, Gemini AI, JWT Auth, Cloudinary

- Developed a full-stack application using `React.js`, `Vite`, and `Tailwind CSS` for the frontend. Built RESTful APIs with `Node.js` and `Express`, integrated `MongoDB`, `JWT` auth, `Cloudinary`, and `Gemini AI`.

GreenCart - Grocery Delivery Platform —Live   MERN Stack, Stripe Interated, Cloudinary

- Built a full-stack grocery delivery platform using the `MERN` stack. Implemented product listings, user/admin panels, ordering functionality, and `Stripe` payment integration. Styled with `Tailwind CSS` and deployed using `Vercel`

Technical Skills

- **Languages:** C++ (Proficiency), JavaScript (Proficiency), and Java (Intermediate)
- **Web Technologies and Scraping Tools:** HTML, CSS, Tailwind CSS
- **Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js
- **Databases:** MongoDB, SQL
- **Development Tools DevOps:** Git, GitHub, Vercel, Postman, REST APIs
- **Cloud Services:** AWS, Azure, Firebase, Cloudinary, Stripe
- **Coding Profiles:** GeeksforGeeks | Leetcode
- **Developer Tools Profile:** GitHub

Achievements

* **Problem Solving:** Solved over **350+ coding challenges** across platforms like LeetCode, GeeksforGeeks, and CodeStudio, focusing on core DSA and algorithmic thinking.
* Ranked in the Top 10% on GeeksforGeeks Campus Leaderboard.
* Completed GeeksforGeeks 160 Days course, mastering DSA problem-solving.　—Certificate
* Completed GeeksforGeeks Soft Skills training, enhancing communication and professionalism.　—Certificate