Vaibhav Srivastava

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TECHNICAL SKILLS

Concepts: Data Structures, Algorithms, OOPs, Operating Systems, DBMS, Computer Networks
Frameworks: React.js, Node.js, Express.js, Vapi AI, Google Gemini, ShadCN UI
Programming: Java, Python, C++, JavaScript, TypeScript
Tools and Platforms: Git, GitHub, AWS, PowerBI, IntelliJ IDEA

PROJECTS

Elevate – Startup Resource Platform | *React.js, Node.js, Express.js, MongoDB, JWT, Socket.io*   Jul - Aug 2025
- Architected a scalable MERN platform for entrepreneurs, centralizing insights to accelerate startup growth.
- Reduced supply chain discovery time by 40% by integrating Google Maps API to map 500+ verified manufacturers.
- Boosted user engagement by 35% by developing interactive case modules with 50+ real-world business scenarios.
- Implemented JWT-based authentication to secure access for 1,000+ users and delivered a responsive, multi-platform UI.

Rasoi – Voice-Controlled Cooking Assistant | *React.js, Node.js, Express.js, MongoDB, JWT, Vapi AI*   Feb - May 2025
- Engineered a voice-first AI cooking assistant with Vapi AI, enabling hands-free navigation of complex recipes.
- Decreased on-screen interaction by 60% by implementing speech-to-speech modules for a library of 100+ recipes.
- Guaranteed 99.9% data integrity by deploying secure JWT sessions and cloud-based recipe storage on MongoDB.
- Maximized user satisfaction by 30% by optimizing the UI for full cross-device and browser compatibility.

GraphiTee – T-Shirt Design Generator | *React.js, Node.js, Express.js, MongoDB, JWT, Razorpay*   Nov - Dec 2024
- Delivered a high-performance MERN application for real-time T-shirt design, achieving sub-second preview rendering.
- Increased average session duration by 40% by architecting a secure JWT flow and personalized user dashboards.
- Facilitated over 120 secure transactions in the first 30 days by deploying the Razorpay payment gateway.
- Drove a 25% conversion rate increase and 300+ user registrations by refining the UI/UX for mobile-first responsiveness.

EXPERIENCE

Open Source Contributor | *GSSoC'24 & Hacktoberfest'24*   May - Oct 2024
- Enhanced functionality and user experience across 8+ open-source projects by refactoring components and optimizing code.
- Authored over 20 new features and resolved 35+ bugs and issues, significantly improving application stability.
- Improved code quality and maintainability by reviewing 10+ pull requests and enforcing repository best practices.
- Collaborated in a remote, agile environment with global developers using Git for version control and issue tracking.

CERTIFICATIONS

Marketing Analytics & Data-Driven Decision Making – NPTEL, IIT Kharagpur	May 2025
Certified MERN Stack Developer (MongoDB) – Smartbridge	Mar 2025
Cloud Computing – NPTEL, IIT Kharagpur	Apr 2024

EXTRACURRICULAR ACTIVITIES

Competitive Programming: Solved **300+ DSA problems** on LeetCode & GeeksforGeeks with an 80% acceptance rate.
Event Management Lead: Led core management for multiple campus events and played a key role in organizing the annual college fest.
Zonal-Level Athletics: Represented college at **U-14 & U-16 cricket zonals**; won gold in carrom and bronze in yoga.
Leadership Assessment: Attended the 5-day Service Selection Board (SSB), demonstrating high-level teamwork and resilience.

EDUCATION

VIT Bhopal University, Bhopal	2022 – 2026
B.Tech in Computer Science & Engineering	*CGPA: 8.82/10.0*