Vaibhav Srivastava

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EDUCATION

VIT Bhopal University, Bhopal   2022 − 2026
B.Tech in Computer Science & Engineering   *8.82 CGPA*

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, AWS

PROJECTS

Elevate − Startup Resource Platform | *React.js, Node.js, Express.js, MongoDB, JWT, Socket.io*   July 2025 - Present
- Created a scalable platform for early entrepreneurs to access personalized insights, mentorship, and curated resources.
- Integrated Google Maps API to discover 500+ nearby verified manufacturers, streamlining supply chain discovery.
- Built interactive case study modules delivering 50+ startup scenarios, improving decision-making skills.
- Ensured secure user access via JWT, with a responsive UI serving 1,000+ users across platforms.

GraphiTee − T-Shirt Design Generator | *React.js, Node.js, Express.js, MongoDB, JWT, Razorpay*   Oct - Nov 2024
- Engineered a full-stack MERN web app enabling real-time creation, visualization, and management of custom T-shirt designs.
- Integrated JWT authentication and personalized user dashboards, increasing session duration and engagement by 40%.
- Configured Razorpay payment gateway, processing 120+ secure transactions in the first 30 days.
- Optimized UI/UX for responsiveness and accessibility, driving 300+ user registrations and boosting conversions.

Rasoi − Voice-Controlled Cooking Assistant | *React.js, Node.js, Express.js, MongoDB, JWT, Vapi AI*   May - Jun 2025
- Developed a hands-free AI-powered cooking assistant using Vapi AI, enabling seamless voice-driven interaction.
- Built speech-to-speech modules supporting 100+ recipes with a 60% drop in screen-based navigation.
- Implemented secure user sessions and cloud-based recipe storage with JWT and MongoDB.
- Enhanced UI compatibility across devices, improving accessibility and user satisfaction by 30%.

EXPERIENCE

Open Source Contributor | *GSSoC'24 & Hacktoberfest'24*   May 2024 - Oct 2024
- Contributed to **8+ open-source repositories**, enhancing UI/UX, refactoring components, and improving performance using **HTML, CSS, JavaScript**.
- Implemented **20+ new features**, resolved **25+ issues**, and fixed **10+ bugs**, improving usability and stability across projects.
- Reviewed and merged **10+ pull requests**, promoting clean, modular code through collaborative GitHub workflows.
- Worked with global developer communities using **Git-based version control** and followed agile development methodologies.

CERTIFICATIONS

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

EXTRACURRICULAR ACTIVITIES

LeetCode & GeeksforGeeks Achievements: Solved **300+ DSA problems** with a **80% acceptance rate**, across arrays, trees, DP, and graphs
Core Team Member − College Fest: Played a key role in organizing the annual fest and served as **management lead** for multiple campus events
Zonal-Level Sports Achievements: Represented cricket at the **U-14 and U-16 zonals**; won **gold in carrom** and **bronze in yoga** at the zonal level
Service Selection Board (SSB): Attended the SSB, showcasing leadership, teamwork, and mental resilience