



Vishal Damahe

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• SKILLS

- C
- C++
- Java
- JavaScript,
- HTML,
- CSS,
- database management
- Web Development
- UI/UX Design
- problem-solving
- teamwork
- debugging complex issues

• LANGUAGES

- Hindi
- english
- marathi
- spanish

• CERTIFICATES

- SQL and Relational Databases
- Python3.4.3 Training|IIT Bombay
- RDBMS PostgreSQL|IIT-Bombay
- AWS Skill Builder|AWS

• INTERESTS

- traveling
- cooking
- games
- videography
- playing events

• PROFILE SUMMARY

"Hi, I'm Vishal, a passionate and forward-thinking computer science student with a strong curiosity for technology and problem-solving. I have honed my web development skills through academic projects, with a particular passion for front-end development. Beyond coding, I enjoy cooking and traveling, as they fuel my creativity and adaptability.

• WORK EXPERIENCE

An Agentic AI-Based Platform for Drag-and-Drop Home Décor with Intelligent Product Recommendations

Working, ()

- Working on an AI-powered interior Design System that creates user-created or AI-generated Layouts into real-world purchases by recognizing décor items, finding optimal matches across e-commerce sites, and auto-adding them to the cart.
- Essential Skills: React.js, Three.js (3D drag-and-drop), Gemini API (AI design from prompts), Lang chain, n8n, Selenium, Playwright, E-commerce Product APIs, AI Agents, and MongoDB.
- Engineering a next-gen AI décor assistant, achieving 98% object recognition accuracy and reducing product search time by 70% through multimodal AI integration, cross-platform web scraping, and real-time product filtering.
- Automating the complete décor shopping pipeline, from 3D design creation to cart checkout, using AI Agents and browser automation, delivering a 40% faster purchase experience with seamless-commerce integration.

• EDUCATION

- UG : GHRCE Nagpur (8.8 still 6th sem)
- HSC : Late LK college of science , Nagpure (90%)
- SSC : MGCSHS Nagpure(70%)

• Achievements

Achieved recognition in the LIMCA Book of Records for participating in the First Ever Longest

Speakathon, where more than 2000 students participated to win this title for GHRCE.

Technical Head at NSS Club, GHRCE.

Presented a research paper titled "Wireless Home Security System" at the IEEE International Conference (ICOECA-2025), hosted by RV College of Engineering, Bengaluru.

Achieved selection for the district-level speech competition in 'Viksit Bharat Youth Parliament,'

organized by National Service Scheme, RTMNU Nagpur, where more than 250 students had participated.

Completed my NGO internship from the leader's club, Nagpur, where we distributed Diwali gifts to more than 150 needy people