

# Vanshika Kamatkar

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## Education

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<b>B.Tech in Computer Science and Engineering</b>	2022 – 2026
Jhulelal Institute of Technology (CGPA- 8.01)	Nagpur, India
<b>HSC</b>	2022
Laxmilal Kanojiya College of Commerce and Science (Percentage: 89.17%)	Nagpur, India
<b>SSC</b>	2020
St. Ursula Girls' High School (Percentage: 88.40%)	Nagpur, India

## Skills

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**Programming Languages** — C, Java, JavaScript

**Frontend Development** — HTML, CSS, React.js, Bootstrap

**Backend Development** — Node.js, Express, RestAPI, socket.io

**Databases** — MongoDB, MySQL

**CS Core:** — DSA, OOP, CN, DBMS

**Tools** — Git, Github, Postman, Render

## Projects

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### Wanderlust ✨

Full stack web app with user authentication and cloud based image upload

- Built a full-stack travel platform enabling users to explore, create, and review campground listings with authentication and map integration.
- Implemented user authentication, CRUD operations, review system, and interactive maps for location-based searches.
- Tech stack: Node.js, Express.js, MongoDB, EJS, JavaScript, Mapbox API, Passport.js, Redux.

### Faculty's Live Locator ✨

Real-time Faculty Tracking System with Interactive Map

- Developed a real-time faculty locator system with interactive 2D campus map and floor-level navigation.
- Implemented faculty search, and dynamic map rendering for enhanced user experience.
- Tech stack: Node.js, Express.js, EJS, MongoDB, JavaScript, QGIS (SVG map), REST APIs, Socket.io

### Where in the World ✨

Country Information Search Web App

- Created a country info web app using HTML, CSS, and JavaScript, with REST API integration for real-time search, filtering by region/name, and a light/dark mode toggle.

## Achievement

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### Runner Up | Tech Aura – 2025 ✨

Secured 2nd position in an intercollegiate project idea competition "Tech Aura - 2025" organized by the AI & Data Science Department, KDK College of Engineering, Nagpur.

### Central India Hackathon – Finalist ✨

Selected for the grand finale round; built a full-stack project under time constraints, demonstrating teamwork, problem-solving, and rapid prototyping

## Certificates

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### Full Stack Web Development - Apna College ✨

MERN Stack certified with practical experience in building full-stack web applications.

### SQL - HackerRank ✨

SQL certified with practical experience in database design, querying, and data manipulation.

### DSA with Java – Apna College ✨

Certified in Data Structures and Algorithms using Java with hands-on problem-solving experience.