

VEDIKA PANDEY

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EDUCATION

- VIT Bhopal University ,Bhopal** 2022 – 2026
Bachelor of Technology, Computer Science and Engineering- 7.85 - CGPA
- Mount Litera Zee School , Jhansi** 2021 – 2022
12th-Science- - 75.2%
- St. Francis' Convent Inter College , Jhansi** 2019 – 2020
10th- - 83.16%

PROJECTS

- Wanderlust** 🔗 | MERN, JWT Authentication, Cloudinary, Mapbox API, Nodemon, Render
- Developed a responsive full-stack web application using MERN stack, enabling users to book and list vacation stays with a seamless and dynamic interface.
 - Implemented secure user authentication (JWT), image uploads via Cloudinary, and interactive map views with Mapbox API for an enhanced user experience.
 - Deployed the complete application on Render, following MVC architecture and building RESTful APIs for scalable backend operations.
- Gemini-Powered Resume Builder** 🔗 | MERN, Gemini AI API, Redux Toolkit, ImageKit, Nginx + PM2
- Developed an AI-powered resume creation platform using MERN stack, enabling users to generate and refine resumes with intelligent content suggestions powered by Google Gemini AI.
 - Implemented secure authentication and authorization (JWT & Bcrypt) and state management using Redux Toolkit for seamless user experience.
 - Integrated ImageKit for AI-driven profile image enhancement including background removal and auto-focus for professional resume visuals.
 - Deployed on Hostinger VPS using Nginx and PM2, ensuring optimized performance, uptime, and scalable production environment.

INTERNSHIP

- India Space Lab** 🔗 June 2025 – July 2025
Space Technology Intern
- Completed a 45-day certified internship covering drones, CubeSat systems, rocketry, GIS, astronomy, and space entrepreneurship. Executed a guided space-technology project and gained exposure to remote sensing, disaster management, and industry applications.

TECHNICAL SKILLS

Languages: JAVA, C++, JavaScript, HTML, CSS
Developer Tools: Git, GitHub, VS Code
Technologies/Frameworks: React.js, Node.js, Express.js, MongoDB, REST API, Tailwind CSS
Competitive Coding: Solved LeetCode, GeeksforGeeks problems

Core Computer Science Foundation

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|--------------------------------|-----------------------|----------------|-------------------|
| • Data Structures & Algorithms | • Operating Systems | System (DBMS) | • Web Development |
| | • Database Management | • OOPS Concept | |

EXTRACURRICULAR

- Foragers** 🔗
Event Coordination Volunteer
- Assisted in planning, organizing, and executing a large-scale Treasure Hunt event, ensuring smooth operations and participant engagement throughout the activity.
 - Coordinated clue distribution, managed team registrations, and supported on-ground logistics to maintain event flow and accuracy.

CERTIFICATIONS

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| • AWS Solution Architect | • MongoDB Database Administrator |
| • Data Structures and Algorithms — Alpha 2.0 | • Web Development — Colt Steele (Udemy) |