

Ansh Sureka

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EDUCATION

Vellore Institute of Technology

B. Tech in Computer Science and Engineering – 7.9 CGPA

Bhopal, MP

November 2022 – June 2026

TECHNICAL SKILLS

Languages: C++, Python, Java, JavaScript, HTML, SQL, MongoDB, AWS, Node.js, React.js.

Technologies: Matplotlib, Pandas, NumPy, TensorFlow.

Tools: Git/GitHub, Jupyter, MATLAB, LaTeX.

PROJECTS

TOURISM BOOKING WEBSITE | React, Tailwind, Node.js, Express, MongoDB, REST APIs, HTML August 2023 – December 2023

- Engineered a fully responsive tourism website featuring destination showcases, travel packages, and booking capabilities.
- Built intuitive UI/UX using React.js and Tailwind CSS, resulting in enhanced user engagement and seamless navigation.
- Deployed application via Vercel / AWS / GCP with CI/CD setup, achieving 99.9% uptime and optimized performance.
- Implemented backend services using Node.js, Express, and MongoDB to manage bookings, user data, and dynamic content.
- Integrated third-party APIs for real-time data such as weather and map services to enrich the user experience.

FACE RECOGNITION ATTENDANCE SYSTEM | OpenCV, Python, TensorFlow, NumPy, Flask February 2024 – May 2024

- Developed a real-time, web-based attendance system using OpenCV, TensorFlow, and React for facial recognition and identity verification.
- Optimized face-matching algorithms and data pipelines, achieving a 40% reduction in authentication time.
- Implemented secure and scalable backend services with Node.js and MongoDB, enhancing data integrity and access control.
- Applied image processing techniques to analyze and enhance facial recognition performance.

CERTIFICATIONS

- MongoDB Database Administrator – Face Prep. April – 2025
- Cyber Security Analyst – IBM. January – 2025

CO-CURRICULAR & EXTRA-CURRICULAR

- Conducted an in-depth literature review and co-wrote a review article on Information Theory and Machine Learning, highlighting key trends and proposing future research directions.
- Winner - National Mathematics Competition, 2023.
- Runner-up in the inter house Basketball competition, demonstrating teamwork and leadership.
- 5 stars Java Coder – Hacker Rank.
- Core member – NULL Chapter, VIT Bhopal.
- Runner-up – Geeks for Geeks Hackathon.

ADDITIONAL INFORMATION

Language: English, Hindi.

Hobbies: Basketball, Adventure, Trekking.

Soft Skills: Strong team player with leadership Quality, Problem Solving.