

# Ansh Sureka

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## EDUCATION

### ▪ Bachelor of technology in computer science and engineering

Nov 2022 – June 2026

The VIT Bhopal University at Bhopal | Bhopal, Madhya Pradesh

CGPA – 7.9/10

## PROJECTS

### ▪ TOURISM WEBSITE DEVELOPMENT

Aug 2023 – Dec 2023

Developed a responsive tourism website with API integrations and optimized performance.

- Designed and Enhanced a responsive tourism website to showcase destinations, travel packages, and booking features.
- Implemented a user-friendly UI/UX using React and Tailwind CSS, improving navigation and engagement.
- **Technologies Used:** HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, API Integration.
- Deployed the website using AWS/GCP/Vercel, ensuring 99.9% uptime.

### ▪ Web based facial Authentication (Liveness detection)

Feb 2024 – May 2024

Developed a web-based facial attendance system using OpenCV, React, and Node.js with real-time recognition and secure data storage.

- Engineered a real-time facial authentication system using OpenCV and TensorFlow for identity verification.
- Integrated backend authentication with Node.js and MongoDB, improving data security and scalability.
- Reduced authentication time by **40%** through AI-based face matching and optimized data pipelines.
- **Technology used:** React, Node.js, OpenCV, Tensor Flow.

## ACHIEVEMENT AND CERTIFICATIONS

- Winner – Mathematical Week Competition (Recognized for problem-solving, logical reasoning, and analytical skills).
- First Round Qualifier – Geek for Geeks [Buz Buona] (Demonstrated proficiency in Data Structures & Algorithms).
- Participant – Tata Elxsi Hackathon (Developed innovative solutions in a competitive coding environment).
- 5 star in java - Hackerrank.

### Certifications:

- Bits and bytes of computer networking – Coursera (2023)
- Cloud computing – Swayam Nptel (2024)
- Cyber Security - IBM

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Python, Javascript, HTML, Css , SQL , MongoDB

**Libraries:** C++, Python libraries, react.js

**Web dev tool:** VScode , Github

**Relevant coursework:** Data structure & Algorithms, Operating Systems, Object oriented Programming, Database management system, Software Engineering , Computing Networks.

**Area of interest:** Web design and development, Data Analysis.

**Soft skills:** Problem solving, Self-learning, Presentation, Management, Adaptability.

## POSITIONS OF RESPONSIBILITY

Core Member – Null Chapter (Cybersecurity Community)

2024 – Present

- Spearheaded cybersecurity awareness programs, educating peers on ethical hacking, penetration testing, and digital forensics.
- Organized Capture The Flag (CTF) challenges and cybersecurity workshops, improving hands-on skills in network security.