

Ansh Khanna

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EDUCATION

VIT Bhopal University

CGPA : 8.72/10

Bhopal , MP

B.Tech, Computer Science Engineering

Expected Aug 2026

SKILLS

Languages: Python, C++, JavaScript

Backend: Node.js, Express.js, RESTful APIs

Cloud/DevOps: AWS, Azure, Apache Web Servers

Methodologies: AI, ML, Software Development

Frontend: React.js, Next.js, TailwindCSS

Databases: MongoDB, MySQL

Tools: Git/GitHub, VS Code, MS Office Suite

Soft Skills: Communication , Problem Solving

PROJECTS

HomeScope: Real Estate Management Platform

May 2025

Technologies : *React.js, Node.js, MongoDB, JWT Authentication*

- Engineered a comprehensive property management system with user authentication and role-based access control for buyers, sellers, and agents.
- Integrated advanced search and filtering capabilities with geolocation integration, enabling users to find properties within specific radius and price ranges.

DSA Tracker Website

May 2024

Tech Stack : *HTML, CSS, JavaScript, Database Integration*

- Built an interactive web application to help students master Data Structures and Algorithms concepts with personalized progress tracking features.
- Designed user-friendly UI/UX interface with gamification elements, increasing user engagement by 30% through visual learning aids.

Steganography and Watermark Detection System

July 2023

Frameworks : *Python, Machine Learning, Image Processing*

- Created Python-based application to detect AI-generated images using machine learning algorithms and advanced image processing techniques.
- Deployed steganography methods for watermark detection with 99% accuracy rate in distinguishing human vs AI-generated content.

CO-CURRICULAR ACTIVITIES

- Code Garuda 2.0 Hackathon Winner** - Secured 1st position in college fest hackathon organized through Unstop platform with innovative solution.
- Suraksha Cyber Hackathon Finalist** - Advanced to the final round of national-level cybersecurity hackathon organized by Canara Bank through HackerEarth platform.
- IBM DevOps Certification - IBM Certified** with hands-on experience in containerization, CI/CD pipelines, and cloud deployment strategies.
- Full Stack Development with MongoDB Certification - SmartBridge certified** specializing in Full stack development and MongoDB database management.

EXTRACURRICULAR ACTIVITIES

- Executive Member, IEEE Student Chapter:** Orchestrated hackathons and ideathons, engaging 300+ participants and fostering innovation culture across campus.
- Speed Cubing Champion:** Achieved sub-30 second average and competed in 3+ regional competitions.
- Core Member, IOS Club:** Coordinated multiple exciting tech events and competitive programming contests, building vibrant developer community with 50+ active members.