

Anurag Kumar

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EDUCATION

B.Tech (Bachelor of Technology)
Computer Science
VIT-Bhopal University

Aug 2023 - Aug 2027
GPA: 8.58/10

CORE TECHNICAL SKILLS

- | | | |
|--------------|--------------|-------------------------------|
| • Node.js | • MYSQL | • Python |
| • React JS | • Java | • Data Structure & Algorithms |
| • HTML | • JavaScript | • Debugging & Troubleshooting |
| • CSS | • API | • MongoDB |
| • JavaScript | • Git | • Unit Testing |

PROJECTS

Medicare - [Link](#)

- Designed and developed a web-based platform that predicts diseases, based symptoms of user and provides nearby doctor appointments.
- Implemented secure authentication with separate logins for admin, doctor, and users.
- Designed smart slot booking system, allow users to book slots with the available doctor to their preferred timings.
- Enabled doctors to confirm appointments, prescribe medicines, and manage patient interactions through the platform also.
- Utilized MongoDB for efficient data storage and retrieval, ensuring smooth user experience.

Deep-Fake Video Detection -

- Developed an AI-powered system to detect face-swap deepfakes in videos using Deep Learning and Computer Vision.
- Implemented CNNs, RNNs, LSTMs, and frequency analysis for detecting visual and audio inconsistencies.
- Utilized FaceForensics++ dataset for training and optimized performance using adversarial training.
- Designed a React-based frontend for user interaction and integrated MongoDB for data storage.
- Designed for social media platforms, cybersecurity experts, and digital forensics to detect deepfakes and ensure content authenticity.

EXTRA-CURRICULAR AND ACHIEVEMENTS

Hackathon and Coding -

- University-Level Hackathons.
- Solved- 150+ Problems (GFG), 130+ Problems (Leetcode), 5 Star – Gold (Hackerrank).

Volunteer and Social Work -

- NSS (National Service Scheme)- Actively contributed as a core team member in organizing and executing large-scale social initiatives. Contributed to events including mega tree plantation drives, blood donation camps, and community outreach programs.
- Active member of CGCT (Clean Green Campus Team), VIT Bhopal – Contributed to campus sustainability, discipline, and student welfare under the Director of Student Welfare.

CERTIFICATIONS

- **Master LangGraph and LangChain with OllamaAgentic RAG-** Udemy
- **Data Engineering-** Informatica
- **The Bits and Bytes of Computer Networking-** Google
- **Generative AI-** Google Cloud