

# 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

- |           |              |                               |
|-----------|--------------|-------------------------------|
| • MongoDB | • MYSQL      | • Data Structure & Algorithms |
| • API     | • Java       | • Unit Testing                |
| • HTML    | • JavaScript | • Debugging & Troubleshooting |
| • CSS     | • Git        |                               |

## PROJECTS

### Medicare -

- 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, allowing 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.

### Volunteer and Social Work -

- NSS (Past core Member).

## CERTIFICATIONS

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