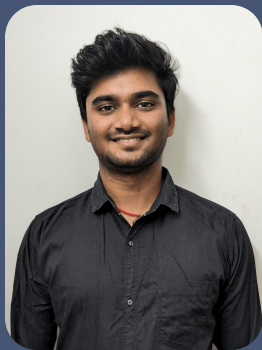# ANKIT KUMAR

Contact details

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Port-Folio
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Languages: English (Professional), Hindi (Native)

Areas of Interest

Competitive Coding, DSA, ML+DL, MERN Stack

Achievements

1. LeetCode   (Top 3.5%)
   - **1900+** Contest Rating
   - 550+ Questions Solved
   - LeetCode Weekly Contest 337: **AIR 23**

2. CodeChef
   - **1900+** Max. Contest Rating
   - **4* Coder**

3. CodingNinjas   (Expert)
   - 2500+ Contest Rating
   - **1x 1st Rank** (Gold)
   - **4x 2nd-5th Rank** (Silver)

Lead Roles

- **GDSC DSA/CP Lead (2023-2024)**, guiding junior members.
- As **CSE Tech Lead**, organizing CP Contests, Hackathons, and Expert Talks in IIITDMK's Fest-Solasta 2024.

Hobbies

- **Games:** Cricket, Badminton, PC Games.
- **Miscellaneous:** Anime, Reading, Travelling.

PROJECTS

1. **Air Board** | Demo Video   CV
   - **Technologies:** MediaPipe, OpenCV, Numpy (2D Arrays).
   - **Features:** Hand-tracking drawing, 5 colors, 4 weights, shapes along with pencil and eraser.
   - **Experience:** Draw in air, and see the drawing come to life on your system with 0-delay and 100% accuracy.

2. **Q/A System** | Sample Result   NLP
   - **Technologies:** Flask for UI, NLTK for 100% automated question-generation.
   - **Input:** Provide 1+ paragraphs of data for keyword extraction.
   - **Output:** Summary, vital keywords, MCQs, Fill-Ups, True/False questions.

3. **Gesture Device Controller** | Demo Video   LSTM
   - **Technologies:** LSTM (manages 30 continuous frames), MediaPipe (captures body posture via OpenCV).
   - **Input:** Live video with 30 frames displaying posture points for each action.
   - **Output:** Classifies series of MediaPipe points, triggers predicted actions out of 5 defined actions.

4. **iNotes** | Demo Video   MERN
   - A Basic CRUD web app for note-taking with 0-delay.
   - **Features:** Authentication, 1-image upload, responsive design.

5. **E-COMMERCE** | Demo Video   MERN
   - **Admin Dashboard:** Virtual Dedicated platform to Add/Modify products, order status, user management, and reviews.
   - **User Experience:** Authentication, product search, price/type-based filtering, Cart functionality, Address-based order placement, Stripe API for secure payments, Product reviews, 0-5 Product Rating.
   - **User Data Management:** User data management includes changing user-pic and other details, along with a forgot and change password feature.

SKILLS

1. **Programming:** C/C++ (Proficient), Python
2. **Web Dev:** HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, Flask
3. **DataBase:** MongoDB, MySQL
4. **ML/DL:** SkLearn, Tensorflow, NLTK, OpenCV

1. Leadership Skills, Teamwork
2. Adaptability, Time Management, Analytical and Troubleshooting Abilities
3. Fluent Communication skills, Creativity, Patience

EDUCATION

IIITDM Kurnool | *B.Tech - CSE*   2021-2025
- Cumulative GPA: 8.46 (till 5th Sem)

St. Columbus School | *12th Class*   2019-2020
- Percentage: 94%

St. Columbus School | *10th Class*   2017-2018
- Percentage: 84%