

Ankur kumar

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EDUCATION

PES University

Master of Computer Applications (GPA: 7.6/10)

July 2026 (Expected)

Bangalore, Karnataka

College of Commerce, Arts and Science

Bachelor of Science in Information Technology (76% / GPA: 8/10)

June 2024

Patna, Bihar

Kendriya Vidyalaya Sangathan

Senior Secondary (Class XII), Science Stream (84.2%)

2021

Suratgarh, Rajasthan

Infant Jesus School

Secondary (Class X) (88.6%)

2019

Patna, Bihar

PROJECTS

Face Emotion Detector

Python, OpenCV, CNN, Flask

- Developed an AI system that detects real-time facial expressions such as Happy, Sad, Angry, Neutral, and Surprise using Convolutional Neural Networks (CNN).
- Designed and implemented a face detection model using OpenCV, with a deep learning classifier for accurate emotion recognition.
- Integrated with Flask to allow both webcam-based live detection and image upload for analysis.
- Achieved reliable performance, demonstrating the ability to apply computer vision and deep learning in practical applications.

Notes Sharing Platform (Notes Sphere)

Angular, HTML, CSS, JavaScript, Flask, MySQL

- Built a full-stack web application that enables students to upload, share, and access educational notes in a secure platform.
- Designed a responsive front-end using Angular, HTML, CSS, and JavaScript to provide an intuitive user interface.
- Implemented user authentication and CRUD operations with Flask as backend and MySQL for database management.
- Enhanced collaboration by allowing users to manage personal notes and explore shared resources efficiently.

TECHNICAL SKILLS

Programming Languages: C, Python

Frontend: HTML, CSS, JavaScript, Angular

Backend: Flask

AI/ML: Python (NumPy, Pandas, Matplotlib, scikit-learn, TensorFlow, Keras), Computer Vision (OpenCV, CNN)

Databases: MySQL, Oracle Database

ACHIEVEMENTS & EXTRA-CURRICULAR

- **Security Essentials Specialization (Ongoing)** – PES University. Includes coursework in Network Security, Cybersecurity, and Ethical Hacking. Certification will be awarded upon completion.
- **DSA in Python (GeeksforGeeks) – Ongoing:** Solved 100+ problems.
- Cisco Networking Academy: Enterprise Networking, Security and Automation. *Amity Patna, 2022*
- Cisco Networking Academy: Switching, Routing and Wireless Essentials. *Amity Patna, 2022*