ANISH PATHAK

Aspiring AI/ML Professional

CONTACTS

- +91 7721842344
- anishpathak778@gmail.com
- www.linkedin.com/in/anish-pathak-85834a319
- https://github.com/Anishp-cell

LANGUAGES

Language	Level	
ENGLISH	Proficient	●●●●○
MARATHI	Proficient	●●●●○
HINDI	Native	●●●●●

SKILLS

C, C++, Python, Assembly Language, LLMs, IoT, Machine Learning, Computer Vision, Mediapipe, CNN, Neural Networks

INTERESTS

Gaming and ML

Passionate about immersive gaming experiences and deeply interested in developing real-world machine learning applications.

CERTIFICATES

- Certificate of Presentation at International Conference, Vishwakarma University.
- Certificate of Presentation at TECH EXPO-2025, Pravara Rural Engineering College.
- Certificate of Participation at Smart India Hackathon 2024 (Automated Bus Scheduling for DTC).
- Problem Solving (Basic), Hackerrank
- Certificate of Participation at Smart India Hackathon 2024 (Automated Bus Scheduling for DTC).

ABOUT ME

Motivated BTech Computer Science student at Vishwakarma University with experience in AI, Machine Learning, and Embedded Systems. Developed projects like an Emotion-Based Music Player, Gesture-Controlled Drone, and ID Card Recognition system. Authored multiple research papers and currently working on a TARS-inspired AI chatbot. Passionate about using tech to solve real-world problems and seeking remote internships to apply my skills.

EDUCATION

Vishwakarma University B.Tech Computer Science Engineering	8.7 SGPA (SEM-1)	2024-2028
Vidhyadham Science College HSC	64%	2024
Cambridge School SSC	79%	2022

KEY ACHEIVEMENTS

- Presented a project titled "Changing the Speed of Motors Using Hand Gestures" at the 4th National Level Project Competition "TECH EXPO-2025", organized by Pravara Rural Engineering College, Loni.
- Authored and Presented a solo research paper on "Emotion-Based Music Player" at the International Conference on Culture, Mind, and Society, organized by Vishwakarma University in association with Society for Addiction Psychology (SAP).
- Participated in Smart India Hackathon (SIH) 2024 with a project on "Automated Bus Scheduling and Route Management System for Delhi Transport Corporation (DTC)", focusing on optimizing public transport logistics using technology.

PROJECTS

- **Hand Gesture Controlled Drone (Ongoing)**
  Designed a gesture-controlled drone using MPU6050 and NRF24L01 for real-time wireless flight control.

- **Emotion-Based Music Player**
  Developed a music player that plays songs based on real-time facial emotion recognition using deep learning.

- **Virtual Painter**
  Created a computer vision-based virtual painting app allowing users to draw in air using finger tracking.

- **Switching the Laptop Cover in Real-Time using OpenCV**
  Implemented a dynamic virtual background system that overlays live laptop screen content using OpenCV.

- **ID Card Recognition System (Ongoing)**
  Built an AI-based pipeline for detecting ID cards, extracting face and text using YOLO and OCR techniques.