



ADITYA RAJENDRA APATE

Kolhapur - Maharashtra, India 416114

+91 8624892412 | +919373795658

adityaapate2002@gmail.com

[linkedin.com/in/aditya-apate](https://www.linkedin.com/in/aditya-apate)

adityaapate.netlify.app

SUMMARY

Adaptable professional with proven ability to learn quickly and adjust to new environments. Expertise in acquiring knowledge efficiently and applying it to achieve results. Committed to continuous learning and effectively managing change.

Personal Values: Faith in Jesus Christ, Integrity, Perseverance

"With God, all things are possible – Matthew 19:26"

TECHNICAL SKILLS

- Artificial intelligence machine learning, computer vision, deep learning , Data analysis
- Programming :- Python, C, C++, JavaScript (ES6+), R
- Web and mobile :- HTML5, CSS3, JS, Flutter, EmailJS
- IoT & Embedded :- Arduino UNO, ESP32-CAM, ESP8266, Arduino Nano
- Frameworks and libraries :- TensorFlow, PyTorch, YOLO, OpenCV, Flask
- Databases and data tools: MySQL, SQLite Pandas, NumPy, Firebase, YoloV8
- DevOps, code editors and tools :- Git/GitHub, Netlify, APIs, CloudFlare, VS-Code, Cursor AI

EDUCATION

D Y Patil Agriculture & Technical University, Talsande ,Expected in 09/2025

B.Tech : CSE [AI & ML]

CGPA : 7.00%

Yashwant Junior College Of Science, Kodoli , 06/2021

XII (HSC)

Percentage : 72.00 %

Howard Memorial High School, Kodoli , 06/2019

X (SSC)

Percentage : 61.20%

ACCOMPLISHMENTS

- **Gold Prize – Third Eye for Blind Persons** awarded ₹15,000 cash prize at Bhopal Shodh Shikhar
- **Got second rank in the Algo Expert Coding Competition** at Ashokrao Mane Group of Institutes (AMGOI)
- **Honoured by former MLA Raturaj Sanjay Patil, DYP Group trustee**, in Jotiba Yatra 2025, persons and vehicles monitoring system

CERTIFICATIONS

- **Python – HackerRank** · Issued Jan 2023 · Credential ID: D663CD324533D
- **SQL – HackerRank** · Issued Jan 2023 · Credential ID: 63936A109E26
- **GitHub Masterclass – LetsUpgrade** · Issued Dec 2022 · Credential ID: LUEDRVOCTC122263
- **Master Website SEO Workshop** – LetsUpgrade · Issued Dec 2022 · Credential ID: LUFRDVOCT122730
- **Master Google Data Studio Workshop** – LetsUpgrade · Issued Nov 2022 · Credential ID: LUFRDVOCT122517
- **Mobile App in Python – Great Learning** · Issued Nov 2022
- **Introduction to Artificial Intelligence** – SkillUp Online · Issued Oct 2022 · Credential ID: 3878523
- **Python & Data Science Bootcamp** – LetsUpgrade · Issued Oct 2022 · Credential ID: LUEDSOCT122101

LANGUAGES

- 1) English 2) Hindi 3) Marathi

PROJECTS

Third Eye for Blind Persons (Gold Prize Winner)

- 2023 | Technologies: Arduino UNO, ESP32-CAM, Ultrasonic Sensors, Android App
- Developed an IoT-enabled smart cane to assist visually impaired individuals.
 - Integrated sensors, Bluetooth module, and ESP32-CAM for obstacle detection with feedback.
 - Created Android app for live camera streaming and alerts.
 - **Awarded Gold Prize at Bhopal Shodh Shikhar with ₹15,000 cash prize.**
 - [Please Click Here To Check](#)

Smart Attendance System

- 2024 | Technologies: Python, YOLO, Mesh-Face, Flask, MySQL
- Built a facial-recognition system with 95% accuracy under varied lighting.
 - Developed Flask GUI for photo registration and logging in MySQL.
 - Supports CCTV and image input attendance.

AI-Based Head Counting & Line-Crossing System

- 2025 – Present | Technologies: Python, YOLO, OpenCV
- Real-time head detection and crowd analytics for events.
 - Implemented directional line-crossing logic for smart surveillance.
-

PROJECTS

Vehicle Detection & Counting (Excluding Bikes)

2025 – Present | Technologies: Python, OpenCV, NumPy

- Detected cars, buses, and trucks using top-view drone images.
- Integrated preprocessing and analytics for better accuracy.

School Website Development – Howard Memorial High School

2025 – Present | Technologies: HTML5, CSS3, JavaScript, EmailJS, Netlify

- Created bilingual responsive website for the school.
 - Included gallery, admissions, faculty, drone video and SEO optimization.
 - **Link: <https://howardmemorialhighschoolkodoli.netlify.app>**
-

