

Tejas Amdare

+917620878019 | amdaretejas1@gmail.com | LinkedIn ([link](#))

OBJECTIVE

AI Engineer with 2 years of experience in Python, cloud-based projects, Machine Learning, Computer Vision, AI-powered ChatBot, and Backend Development. Seeking full-time roles in similar fields.

EDUCATION

Bachelor of Technology, Rashtrasant Tukadoji Maharaj Nagpur University (JD College of Engineering and Management, Nagpur)

06/ 2020 - 05/ 2024 - **79.7%**

Relevant Coursework: **Artificial Intelligence and Machine Learning**

SKILLS

Technical Skills: Python, C

Cloud: AWS (EC2, IAM, Route 53, Nginx, and S3), GCP (Compute Engine, VPC networks)

Frameworks: Fast API, Flask, Yolo

Web Technologies: HTML, CSS, JavaScript, Tailwind

Databases: MongoDB, PostgreSQL.

OS: Windows, Linux

EXPERIENCE

AI/ML Engineer (Full-Time)
AshtaTech Automation Pvt, Ltd.

April 2025 - Present
Nagpur, India

- Developed various Computer Vision-based Bots for object detection and classification using **Python**, Libraries like **Ultralytics YOLO**, **Detector2**, **opencv-python**, and hardware connection using **Realsense**, **cv2**, **PyModbus**, and data labeling **Roboflow**. Data storage using the **Google Drive API and MongoDB**.
- Developed and deployed various software using Streamlit **Python**, **FastAPI**, and a database like **MongoDB**, **MySQL**, and hosting using **Streamlit Community cloud**, **AWS EC2**.
- Projects Include Cake Cutting Robot (CV and Object Detection), Gantry Pick and Place Robot (CV and Object Detection), Dish Cleaning Robotic Hand (ROS, CV, and Object Detection), and Inventory Management Software.

AI/ML Engineer (Interanship + Full-Time)
Stock.club

Jun 2023 - Mar 2025
Nagpur, India

- Developed a Master Prediction Model Using **Python**, **CatBoost**, and an Execution Model using Broker APIs like **Dhanhq**, **Pykiteconnect**, **Smartapi-python**, 13+Indian Brokers.
- Developed 'WM' Prediction Model and Image recognition using **Decision Tree Classifier** and **OpenCV-python** for stock price prediction.
- Developed a Backend Scaling Application Using **FastAPI**, **Uvicorn**, and **Pydantic**, storage using **MongoDB**, and deployment using **AWS EC2**.
- Developed a WhatsApp chatbot for order placement into the stock market using **WhatsApp Business API**.

CERTIFICATION

- Introduction to Machine Learning – *IIT Kharagpur (2023)*
- AI Search Methods for Problem Solving – *IIT Madras (2021)*
- Software Architecture & Design of Modern Large-Scale Systems – *Udemy (2024)*
- Microsoft Power BI – *Udemy (2022)*