

# Tejas Amdare

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I am an AI Developer with more than 2 years of experience in developing AI-based projects. I have successfully built and deployed more than 10 projects with proper architecture, scalability, and real-world implementation.

## EDUCATION

JD College of Engineering and Management, Nagpur

2020 - 2024

B.Tech - Artificial Intelligence and Machine Learning | CGPA: 7.97

## EXPERIENCE

**Dolphins - AI Developer (Freelancing)**

Feb 2026 - present

Currently building a freelance project that includes **Agentic AI**, **RAG pipeline**, and **AI backend infrastructure**. Building and deploying different types of RAG infrastructure, which includes **Adaptive RAG**, **self-RAG**, and **Agentic RAG**.

**AshtaTech Automation Pvt. Ltd. - AI Developer (Full Time)**

Feb 2025 - Feb 2026

Designed and deployed end-to-end **Computer Vision** and **Machine learning** projects, which include data preprocessing, feature engineering, model training, evaluation, and deployment.

Performed Data collection, Data preprocessing, labeling of unstructured data, predictive modeling on structured and unstructured datasets to support computer vision and object detection in real time.

**Stoq club - AI Developer (Full Time + Internship)**

Jan 2023 - Feb 2025

Designed and deployed ML Models, which include data mining and data preprocessing on live stock market data, backend integration, and collaboration with stock brokers like Zerodha, Dhan, Paytm, AngelOne, etc.

Performed Statistical analysis and Predictive modeling on structured and unstructured datasets for market prediction.

## PROJECTS

**GramIQ AI Assistant**

Python | FastAPI | LangGraph | LangSmit | mongodb | Gemini 3.1 flash | Open Weather API | docker | VM hosting

Developed an AI Assistant for farmers which helps farmers to know their crops, understand farming needs, help to get best mandi rate, give guidance for everything, and many more.

**AI Chat Bot (May)**

Python | FastAPI | Langchain | LangSmit | Pinecone | MongoDB | Reranker | Gemini 2.5 flash | Gemini Embedding 1 | Streamlit

Developed an AI chatbot called 'May,' which is a Memory RAG-based personal assistant that is built for research, understanding, and coding.

**AI Assistant**

Python | FastAPI | Langchain | LangSmit | Mongodb | Tavily | Exa | OpenAI Wisper | Gemini 2.5 flash | streamlit

Developed an AI Assistant based on HyDE RAG and Corrective RAG with advanced prompt-building capabilities, including features like Copilot, Prompt Suggestions, and a Prompt Builder. The system supports interaction through both voice (using Whisper) and text.

**Gantry Robot**

Python | Yolo | Label Studio | OpenCV | PyModbus | Intel RGBD

Developed an intelligent robot brain using computer vision and object detection for detecting objects for pick and place, and distance estimation.

**Market Prediction Bot (Intelligence engine)**

Python | CatBost | MongoDB

This is a Machine Learning-based Market Prediction Bot designed to predict market direction and future trends based on current and historical market data. It helps the Execution Engine place accurate market orders using insights generated by the Intelligence Engine.

## 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)

## SKILLS

Programming Language: Python, C, HTML, CSS

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

**Framework:** FastAPI, Flask, Langchain, LangGraph

**Database:** MongoDB, PostgreSQL, Pinecone, ChromaDB

**OS:** Windows, Linux

**More:** Docker, CI/CD