

ROHIT CHAWDA

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PROFESSIONAL SUMMARY

Final-year B.Tech AIML student and aspiring ML Engineer specializing in model serving, LLM pipelines, and PyTorch. Bridging a solid academic foundation in Transformer architectures with a track record of building production-ready AI tools. Developed "Placify," a hybrid RAG-Lite system for real-time career scoring, demonstrating the ability to architect and deploy end-to-end ML solutions using Python and FastAPI.

CORE COMPETENCIES

PyTorch & Model Serving

Containerization & version control

LLM Orchestration (API's)

FastAPI & Pipeline Engineering

RAG Systems

Python & Backend Systems

EXPERIENCE

Rounak Pharma Private Limited | Maksi, Sajapur, M.P

Dec. 2022 - April. 2023

Junior Engineering - Machine operating intern

- Supervised machinery **installation and calibration** during the initial facility setup.
- Managed **technical logs** and documentation required for pre-production readiness.
- Coordinated with engineers to ensure **equipment compliance** before operations began.

PROJECTS

Placify | AI CAREER ASSISTANT | PYTHON, FASTAPI, GEMINI API, POSTGRESQL | *Major Project*

Dec. 2025

- Built "Placify," an AI-driven placement platform using FastAPI that parses PDF resumes to generate real-time readiness scores, skill gap analysis, and personalized improvement roadmaps via Google Gemini.
- Engineered a hybrid "RAG-Lite" matching system in Python to pre-rank employer fit locally, leveraging the LLM to synthesize deep-dive candidate profiles and automated cold email drafts for top matches.

Social Pulse | AI SENTIMENT ANALYSIS | PYTHON, FLASK, VADERSENTIMENTS, INSTALOADER | *Minor Project*

Aug. 2025

- Built a web application that scrapes and quantifies unstructured Instagram feedback into actionable Positive, Negative, and Neutral metrics using a custom-optimized VADER model tuned for modern slang and emojis.
- Engineered a Flask and Python backend with lazy-loaded scraping modules (Selenium/Instaloader) and dynamic session management to ensure high-performance, error-free data extraction.

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya (R.G.P.V) | Bhopal, MP, India

B.Tech. in Computer Science, Artificial Intelligence and Machine Learning | CPGA: 6.11

June. 2026

Polytechnic Diploma Degree in Mechanical Engineering | CPGA: 7.84

Dec. 2022

CERTIFICATION

PyTorch Bootcamp | OpenCV University

Jan. 2026

Python (Basic) | HackerRank

Jan. 2026

Pandas | Kaggle

Jan. 2026

Linux Unhatched | Cisco Networking Academy

Jan. 2026

