

## TISHA VARMA

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### PROFESSIONAL SUMMARY

AI Engineer with hands-on experience building LLM-powered and agentic AI systems using Python. Skilled in agent orchestration, embeddings, prompt engineering, and backend API development. Built multi-agent workflows, resume analysis systems, and computer vision applications. Strong builder mindset with hackathon wins and consistent DSA practice.

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### TECHNICAL SKILLS

**Programming:** Python, Java, Solidity

**AI & LLMs:** LLMs, Agentic AI, Prompt Engineering, NLP, Embeddings, RAG concepts, Computer Vision, OCR

**Agent Frameworks:** CrewAI, Multi-agent workflows

**Backend & Tools:** FastAPI, Flask, REST APIs, Git, Async Python basics

**Databases:** MySQL, PostgreSQL, SQLite, Vector DB concepts

**AI Coding Tools:** Codex, Claude Code, Cursor, Antigravity, GitHub Copilot

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### PROJECTS

#### Career Copilot AI – Resume & Job Description Analysis Platform

- **Technologies:** Python, FastAPI, NLP, LLMs, Embeddings, ATS Parsing
- Built an AI-based system to **analyze resumes against job descriptions** and highlight skill gaps and keyword mismatches.
- Implemented **resume parsing and JD processing pipelines** to extract skills, experience, and role requirements.
- Generated ATS-aware resume improvement suggestions using LLMs and developed RESTful backend APIs using FastAPI.

#### Smart Multi-Agent Daily Planner (Agentic AI – Kaggle Project)

- **Technologies:** Python, CrewAI, LLMs
- Built a multi-agent AI workflow using Large Language Models that reduced manual planning effort by ~60%.

#### **HerDefenders – AI-Powered Women’s Safety System (SSIP Approved Startup Project)**

- Technologies: Python, Machine Learning, OpenCV, CCTV Analytics
- Developed **real-time threat detection** using computer vision and **CCTV footage** analytics.

#### PharmaMate – OCR-Based Medication Assistant

- Technologies: Python, OCR, Machine Learning
  - Built an OCR pipeline to **extract text from handwritten medical prescriptions**.
  - Automated dosage interpretation to reduce manual reading errors.
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### EXPERIENCE

#### **Machine Learning Intern | InfoLabz IT Services Pvt. Ltd. | Jul 2023 – Sep 2023**

- Supported development of machine learning workflows and Python-based automation
- Worked with OpenCV on image processing tasks and experimentation

#### **Open Source Contributor | GitHub**

- Implemented features, fixed bugs, and improved documentation through code contributions and pull requests in open-source repositories.
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### **PROBLEM SOLVING & DATA STRUCTURES | LeetCode, GeeksforGeeks.**

- Solved **150+ algorithmic problems** using Python. [Arrays, Strings, Stacks, Queues, Trees, Graphs]
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### ACHIEVEMENTS

- **Winner – HackSprint Hackathon (2026)** | Google Developer Groups on Campus, SSIU
  - Finalist – Google Girl Hackathon 2025
  - Finalist – Tic Tech Toe Hackathon, DAICT (2025) and Hackathon Grand Finale (SSIP + Gujarat Knowledge Society)
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### EDUCATION & TRAINING

**Bachelor of Engineering – Information Technology | L.D. College of Engineering | 2024 – 2027 | CGPA: 9.2/ 10**

**Diploma – Information Technology | Gujarat Technological University | 2021 – 2024 | CGPA: 9.7 / 10**

**Agentic AI – 5 Day Intensive Course | Kaggle × Google**