

# Samir Prajapati

AI/ML Builder · Multi-Agent Systems · Full-Stack AI

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## Professional Summary

Computer Engineering student (VGEC, CE'27) focused on AI systems, multi-agent workflows, and full-stack ML products. Shipped production AI applications with real users including a **Product Hunt #24 Product of the Day** launch. Experienced in RAG pipelines, LLM orchestration, and end-to-end deployment. Seeking an ML/AI internship to build impactful, scalable AI products.

## Education

**Vishwakarma Government Engineering College**

Ahmedabad, India

Bachelor of Engineering in Computer Engineering

2023 - 2027

CPI: **8.26**

Coursework: DSA, DBMS, Machine Learning, Statistics & Probability, OOP, Computer Networks

## Projects

### OrchestraML

Present

Next.js, Python, Gemini, Supabase, Redis, LangGraph

[orchestra-ml.vercel.app](#) | [GitHub](#) | **#24 Product of the Day - Product Hunt**

- Built a multi-agent platform that transforms natural language objectives into structured ML workflows - covering dataset analysis, EDA, feature engineering, modeling, evaluation, and deployment planning.
- Designed LangGraph-based agent orchestration with Human-in-the-Loop checkpoints and controlled execution guardrails for safe, auditable runs.
- Publicly launched OrchestraML; reached **#24 Product of the Day** on Product Hunt on launch day.

### Gita Guidance

Present

React, FastAPI, Qdrant, Neon DB, GenAI, Vercel, Render

[gitaguidance.app](#) | [GitHub](#)

- Built a RAG-based conversational AI grounded in the Bhagavad Gita, serving **30+ real users** via Qdrant semantic search and Generative AI for scripture-backed, contextually accurate responses.
- Engineered full-stack architecture (React + FastAPI) with end-to-end RAG pipeline - chunking, embedding, indexing - and Neon DB for persistent, context-aware chat across sessions.

### NASA Telemetry Anomaly Classification

Present

Python, XGBoost, Scikit-learn, Streamlit

[nasa-telemetry-anomaly-classification.streamlit.app](#) | [GitHub](#)

- Built an end-to-end ML pipeline to classify anomalies in NASA telemetry data; benchmarked multiple models with **XGBoost achieving best performance** via feature engineering and cross-validation.
- Deployed an interactive Streamlit app for real-time anomaly detection and result visualization on live data.

## Technical Skills

**Languages:** Python, SQL

**Frameworks & Libraries:** Next.js, FastAPI, LangChain, LangGraph, Scikit-learn, XGBoost, TensorFlow, PyTorch, Hugging Face, Streamlit

**AI / ML:** RAG, NLP, Multi-Agent Systems, Feature Engineering, Supervised Learning, Model Evaluation, TF-IDF

**Data & BI:** Pandas, NumPy, Matplotlib, Seaborn, Power BI

**Databases:** Qdrant, Neon DB, Supabase, Redis, MySQL, SQL Server

**Tools:** Git, GitHub, Vercel, Render, Jupyter Notebook, Docker

## Virtual Experience

### Data Analytics Consultant Simulation

Deloitte | Forage | July 2025

- Led analysis of **3 real-world business datasets**, delivering structured client-facing recommendations and **2 KPI dashboards** for non-technical stakeholders.

### Data Science & Analysis Program

HP LIFE | June 2025

- Compared **3 supervised ML models** end-to-end - preprocessing to cross-validation - selecting best performer by F1-score and accuracy.

## Achievements

**#24 Product of the Day** - OrchestraML, Product Hunt 2025

Shipped **2 production AI products** with real users & public deployments 2025