

# JIMI PATEL

Data Scientist | AIML Engineer | Generative AI | Agentic AI

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## OBJECTIVE

Enthusiastic and aspiring AI Agent beginner with a strong interest in LLM-powered agents and automation. Eager to apply foundational skills in Python, prompt design, data handling, and basic model evaluation to gain hands-on experience and contribute to a collaborative team. Seeking an entry-level opportunity to grow my technical skills and build reliable, real-world AI agent workflows.

## EDUCATION

<b>Government Engineering Collage , Modasa</b>	Modasa , Gujarat
Bachelor Of Engineering: CGPA : 8.23	Oct 2021 – Apr 2025
<b>Shree B.S. Patel Sarvoday Highschool</b>	Chanasma , Gujarat
H.S.C. : Percentage : 82.17%	June 2018 - August 2021

## SKILLS SUMMARY

<b>Languages:</b>	Python , SQL, JAVA
<b>Frameworks:</b>	Numpy, Pandas, Matplotlib, Seaborn, Plotly, OpenCV, Scikit-Learn, Tensorflow, Beautifulsoup, Streamlit, Flask, FastAPI, Sqlite.
<b>Tools:</b>	Power BI, Excel, PostgreSQL , GIT, Docker
<b>Soft Skills:</b>	Analysis, People Management, Excellent communication

## PROJECTS

### Document Chatbot — Multi-File RAG & Visual Analytics | [LINK](#)

- Built a full-stack document Q&A assistant with React/TypeScript + FastAPI; per-chat storage in uploaded\_docs/{chatId} and auto-created FAISS vector stores in vectorstores/{chatId} with async indexing & status polling.
- Enabled single-file and cross-document queries for PDF/Word/Excel/CSV/images; UI lets users select one file or combine files, and backend routes document IDs to scope retrieval for accurate answers.
- Added a Visualization Chat: on prompts like “first/last 30 rows” or “plot X vs Y,” generates charts from selected/combined datasets using Pandas/Matplotlib and returns images inline in the chat.

### Revenue Forecasting and Trend Analysis for Business Growth | [LINK](#)

- Utilized Pandas, NumPy, Streamlit, Matplotlib, Seaborn, and Scikit-learn for data processing, visualization, and predictive modeling.
- Implemented trend analysis and revenue forecasting techniques to provide actionable business insights.
- Designed an interactive dashboard for real-time data visualization and analysis.

### Intelligent Skill-Based Role Recommendation Model for Optimized Recruitment | [LINK](#)

- Implemented Pandas, NumPy, Streamlit, Matplotlib, Seaborn, and Scikit-learn for data processing, visualization, and model building.
- Integrated login/signup with email authentication for secure access.
- Enabled data input via forms, Google Forms, or CSV upload for flexibility.

### Intelligent Customer Segmentation and Predictive Insights for B2C Growth | [LINK](#)

- Applied clustering and predictive analytics to identify customer segments and forecast behaviors.
- Utilized Pandas, NumPy, Streamlit, Matplotlib, Seaborn, and Scikit-learn for data processing, visualization, and model building.
- Designed an interactive dashboard for real-time insights and strategic decision-making.

### IPL Analytics Dashboard | [LINK](#)

- Developed an IPL Analytics Dashboard for interactive cricket data analysis.
- Utilized Pandas, NumPy, Streamlit, Matplotlib, Seaborn, and Machine Learning for data visualization and insights.
- Provided team and player performance analysis, match statistics, and trend insights.
- Designed an interactive and user-friendly dashboard for real-time exploration of IPL data.

## EXPERIENCE

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### **Infolabz Technologies | Completion Certificate**

Jan 2025 to May 2025

- Performed data preprocessing, feature engineering, and exploratory data analysis using Pandas, NumPy, and Matplotlib.
- Built and evaluated machine learning models using Scikit-learn for classification, regression, and clustering tasks.
- Developed interactive dashboards using Streamlit for visualizing insights and improving decision-making.

### **AIML Developer — Prashi Solution (June 2025 – Present)**

- Developing AI agents and RAG-based document chatbots using Python, FastAPI, LangChain, and FAISS/Pinecone for semantic search.
- Fine-tuning and evaluating LLMs/classical ML models (PyTorch/Scikit-learn) with robust dataset prep, prompt design, and guardrails.
- Shipping scalable microservices with Docker and CI/CD; instrumenting monitoring & logging for model and API performance.
- Building data/feature pipelines and automated evaluation harnesses (precision/recall, latency, safety checks).
- Partnering with product/QA to translate requirements into deliverables; writing clear technical docs and doing code reviews.

## CERTIFICATION AND EXTRA-CURRICULAR ACTIVITIES

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**Complete Data Science Bootcamp 2024 by 365 Carrers (Udemy) | CERTIFICATE**

**Complete Data Science,Machine Learning,DL,NLP Bootcamp by Krish Nayak (Udemy) | CERTIFICATE**

**Data Science for Engineers (NTPEL) | CERTIFICATE**

**Foundation of Cloud IoT Edge ML (NTPEL) | CERTIFICATE**

**Attend SSIP Hackathon.**