

# JAYESH PRAMOD PATIL

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LinkedIn

Github

Portfolio

## PROFESSIONAL SUMMARY

Computer Science engineering graduate with hands-on experience building AI-powered and backend-driven applications using Python and Flask. Experienced in developing LLM-based chatbots, retrieval-augmented generation (RAG) systems, and data-driven solutions. Strong foundation in problem-solving, system design, and adapting modern AI workflows to real-world requirements.

## WORK EXPERIENCE

### AI Intern

Voice Snap Software Pvt. Ltd.

Jun 2025 – Dec 2025

Remote, India

- Worked on client-driven requirements to design and build a secure AI chatbot platform with extended functionality beyond basic Q&A.
- Developed backend services using **Python** and **Flask**, integrating OCR pipelines with **Tesseract**, prompt handling, and REST API integration.
- Designed and implemented an **agentic workflow builder** enabling configurable AI workflows with triggers, scheduling, token controls, and execution monitoring.

### Data Analyst Intern

Gamaka Intellectual Machine

Dec 2023 – Jun 2024

Pune, India

- Analyzed business datasets to identify profit and loss patterns using **Python**, statistical analysis, and exploratory data techniques.
- Built machine learning models using **Scikit-learn** and evaluated performance using standard metrics and train-test splits.
- Created decision-support dashboards using **Power BI**, **Tableau**, **Excel**, and performed SQL-based data analysis in **MySQL**.

## TECHNICAL SKILLS

**Generative AI:** LLM-based chatbots, RAG (chunking, embeddings), prompt engineering

**Programming & Data:** Python (Pandas, NumPy, Matplotlib), SQL

**Analytics & BI:** Power BI, Tableau, Excel (analysis, dashboards)

**Databases:** MySQL (queries, joins, CRUD operations)

**Tools & Concepts:** Flask, REST APIs, Git, Jupyter Notebook, Tesseract OCR

## PROJECTS

### Multimodal Document Chatbot (Secure RAG Platform)

Python, Flask, OCR, RAG

GitHub

2025

- Designed a chatbot capable of answering questions from PDFs, images, and text using retrieval-augmented generation.
- Implemented OCR, document chunking, embeddings, and controlled prompting for accurate, context-aware responses.
- Ensured data privacy by restricting responses strictly to user-provided content.

### Pragati AI – Intelligent Learning & Agentic Platform

LLMs, RAG, Agentic AI

GitHub

2025

- Built an AI-driven learning platform supporting document-based tutoring and guided problem solving.
- Implemented agent-based workflows to automate learning and task execution flows.
- Designed the system to be modular and extensible for future integrations.

## EDUCATION

### Sinhgad Academy of Engineering

Bachelor of Engineering in Computer Science – CGPA: 7.89/10

2020 – 2024

Pune, India