

Aniket Patil

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SUMMARY

I am passionate data Science enthusiast with hands-on experience in data analysis, visualization, and building agents, chatbots and predictive modeling through academic projects.

EDUCATION

Indira College of Engineering and Management

Master of Computer Applications

Percentage: 94.00

Pune, MH

Expected June 2026

G H Raison Institute of Business Management

Bachelor of Computer Applications

Percentage: 85.80

Jalgaon, MH

Jul 2021 - Jul 2024

KCES's Moolji Jaitha College, Jalgaon

Higher Secondary Certificate

Percentage: 86.17

Jalgaon, MH

Jul 2019 - Jul 2021

EXPERIENCE

Codec Technologies – Python Developer Intern | [Link](#)

Aug – Sept 2025

- Developed a **RAG-based chatbot system** with contextual responses using **LangChain** and **HuggingFace** Embeddings. Integrated **Flask** backend with React.js frontend for smooth interaction. Implemented **Pinecone Vector Database** for efficient document retrieval and accuracy.

PROJECTS

RAG-Based GenAI – Medical Assistant Chatbot | [Link](#)

July 2025

- Developed an intelligent chatbot capable of retrieving and generating medical domain answers using **Retrieval-Augmented Generation (RAG)** with **Gemini Flash 2**.
- Implemented **LangChain** components such as Prompt Templates, Text Splitters, **HuggingFace** Embeddings, **Pinecone Vector Store** and context-driven responses.
- Designed React.js frontend and **Flask** backend to ensure smooth user interaction with the chatbot. Leveraged Vector Database for efficient storage and retrieval of medical documents, improving query accuracy and response time.
- Techstack:** Python, Flask, React.js, LangChain, HuggingFace, Pinecone, Gemini Flash 2

Uber Ride Data Analysis

May 2025

- Performed exploratory data analysis (**EDA**) on 1,000+ Uber ride records to identify trends in ride duration, frequency, distance, and trip purposes.
- Cleaned and **preprocessed** raw data by handling missing values, extracting date-time features, and calculating ride durations to improve dataset quality. Developed clear, **data-driven visualizations** using **Matplotlib** and **Seaborn** to uncover usage patterns by ride category (Business/Personal), and trip purpose.
- Techstack:** Python, NumPy, Pandas, Matplotlib, Seaborn.

SKILLS

Technical Languages: Python, SQL

Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, LangChain

Web Technologies: HTML5, CSS3, Bootstrap, Flask

Tools: Render, Docker, Power BI, Jupyter Notebook, VS Code, GitHub

CERTIFICATIONS

- Published a research paper at “National Conference on Technological Advancements in Academia and Industry 4.0” with the research title “**The Role of AI Chatbots In Modern Education**”.
- Generative AI Fundamentals – Certificate from Databricks
- Python Programming – Certificate from HackerRank
- Introduction to SQL – Certificate from Simplilearn

ACTIVITIES

- 1st Prize – Internal Smart India Hackathon (**SIH-2023**)
- 2nd Prize – Business Plan Poster Presentation Competition

HOBBIES

- Photography
- Travelling