Unnat Malik

Python Developer
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GitHub | Linkedin | Portfolio

SUMMARY

A passion for utilizing Python to create impactful applications is evident, underscored by a solid foundation in computer science and extensive project experience. Eagerness to contribute to developing innovative and efficient solutions aligns perfectly with the mission to enhance technological applications. With a well-rounded skill set in back-end development, data analysis, and application support, I am ready to engage with and contribute to meaningful projects that drive progress.

EDUCATION

B.E. Computer Science Engineering   Kandivali, Mumbai
Thakur College of Engineering and Technology

SKILLS

Programming Languages	Python, C, C++, SQL
Libraries/Frameworks	Django, Matplotlib, Streamlit, Pandas, Ollama, Gemini, Django REST
Tools / Platforms	Git, GitHub, Vscode, Vercel, PyCharm
Databases	Django ORM, MySQL, SQLite

Projects

DBMS Web portal | Link   HTML, CSS, JavaScript, Django, SQLite
- A comprehensive educational platform that provides resources for Database Management Systems (DBMS) to Computer Science students. The website includes practical guides, SQL exercises, and a detailed overview of essential DBMS concepts.

BANKING PORTAL | Link   JavaScript, HTML, CSS, Django, MySQL, Matplotlib, Gemini
- Full-stack banking web application Constructed using Django, with features like secure user authentication, account and transaction management, and real-time transaction history. Integrated a chatbot for automated assistance and an email-based customer support system enhancing user experience and service response.

CHAT-BOT | Link   Streamlit, Gemini, Ollama
- **Llama 3 Chatbot (Ollama & Langchain):**
  Built a locally hosted AI chatbot using the Llama 3 model with Ollama. Enhanced functionality with Langchain for long-term memory, contextual conversations, and external tool integration.
- **Gemini 1.5 Flash Chatbot (Streamlit):**
  Created a responsive chatbot using Streamlit and Gemini 1.5 Flash. Designed for high-performance real-time user interactions with a clean and intuitive user interface, ideal for rapid prototyping and real-time use.

STOCK ANALYSIS | Link   Streamlit, Matplotlib, Yfinance, Pandas
- Developed a stock market analysis web application using Python, Streamlit, and financial data APIs to visualize real-time and historical stock trends. Integrated features like stock comparison, technical indicators (SMA, EMA), and interactive charts using MatplotlibFinance and Matplotlib for intuitive data exploration and user engagement.

Certifications

Introduction to Back-End Development	Databases for Back-End Development
Coursera	Coursera
Programming in Python	Django Web Framework
Coursera	Coursera