CHIRAG MANSURIYA

Python Programmer

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OBJECTIVE:

Dynamic and detail-oriented software developer with a strong foundation in AI and machine learning, specializing in end-to-end development of data-driven applications and generative AI tools. Proficient in building and deploying scalable solutions that enhance user experience through automation, intelligent data extraction, and interactive interfaces. Eager to leverage advanced programming and AI skills to contribute to innovative projects and drive impactful results in a forward-thinking organization.

SKILLS:

- Python
- SQLite
- Streamlit
- AI & Machine Learning

WORK EXPERIENCE:

Family and Parenting Hiatus   *January 2018 - Present*

Rajkot

- Personal break for family business and single parent duties
- Learned Python and LLM to keep myself up to date
- Also improved my knowledge of traditional manufacturing industry

Cranberry Analytics   *June 2012 - December 2012*

Pune

- Performed end-to-end data operations, including addition, updates, and deletion of consumer data.
- Leveraged JSON to efficiently retrieve and manage PCMC consumer data.

CERTIFICATIONS

Python Programmer Certification

Edureka

- Object -oriented programming, Functions, Modules, Exception Handling, Array Manipulation using Numpy.
- Data Manipulations using Pandas, Data Visualization using Matplotlib and Seaborn, GUI Programming
- Mysql Database integrate with Python.

CERTIFICATIONS

Python Mega Course: Build 20 Apps

Udemy

- Todo List App, Automatic PDF Generation, Excel invoices to PDF, and Weather Data API.
- Email Webcam Object Detection and MySQL Student Management System with PYQT6.
- Image edge detection, Motion detection and Tracking using OpenCV.

Building Gen AI App 12+ Hands-on Projects with Gemini Pro

Udemy

- Building End to End LLM and Large image model application using Gemini Pro.
- Create Conversational Q&A Chatbot using Gemini.
- Chat with multiple PDF Documents with Langchain.
- End to End Text to SQL LLM App along with Quering SQL database using Gemini Pro.
- Building Youtube video to blog creator Agent using CrewAI.

LLM Mastery: Chatgpt, Gemini, Claude, Llama3, OpenAI & API

Udemy

- Basics to AI Agents, Gemini API, LLMs, RAG, Langchain Apps and Prompt Engineering
- LLM security: Copyrights, Rights, Jailbreaks and Prompt Injections.
- LLM as Operating Systems in Robots & PCs.

MINI PROJECTS

Invoice Extraction

https://invoiceextractor-blzhtgwvwjn3qdsl8thkkm.streamlit.app/ (Live Demo)

- This project is an intelligent, multi-language invoice extraction app using Google's Gemini Pro Vision LLM.
- It enabling accurate extraction and interpretation from invoices in various languages.
- It supports image formats like JPG, JPEG, and PNG, making it globally adaptable for multi-language document processing.

Nutritionist Generative AI

https://nutritionistgenerativeai-8xnpdz9qwrmbd3uxccfysy.streamlit.app/ (Live Demo)

- Nutritionist GenerativiAI App provides nutrition insights from food images using AI.
- Calculates calories, macronutrients, and health scores for balanced meal choices.
- Advanced image processing simplifies dietary data for user-friendly nutrition guidance.

ATS Resume

https://atsresume-j9u7rej8yzhwqe5hqcjwi9.streamlit.app/ (Live Demo)

- Developed a Smart ATS app using Streamlit and Google Gemini for resume analysis.
- Integrated PDF parsing and prompt engineering for tailored resume evaluation in tech roles.
- Enhanced JD match accuracy, increasing resume relevance for specific job roles.

EDUCATION:

Master Of Computer Application   *June 2008 - May 2011*

Dharamsinh Desai University Nadiad