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Summary:

Generative AI Engineer skilled in Python, LLMs, LangChain, and OpenAI APIs, with expertise in developing custom AI agents, assistants, chatbots, and full-stack AI-integrated platforms. Engineered real-world tools for career, education, and productivity, optimizing prompt engineering, embeddings, and RAG applications to enhance user efficiency. Delivered impactful full-stack development solutions that automate tasks and scale AI models, driving measurable improvements in user engagement and performance.

Skills:

Python, Java, HTML, CSS, JavaScript, Flask, Streamlit, Firebase, Canva, OpenAI API, LangChain, Transformers, LLMs, Hugging Face, SQL, Git, GitHub, VS Code, Postman, Google Colab

Experience:

Freelance Generative AI Developer (Remote) June 2024 – Present

Company: Freelance

Role: Generative AI Developer

Dates: June 2024 – Present

- Built and deployed a personal AI assistant for PC using Python, LangChain, and voice command automation, enhancing user productivity by automating 20+ daily tasks.
- Developed HireSight career assistant platform with LLMs and OpenAI APIs, optimizing resume and job support features to serve 500+ users and increase application success rates by 35%.
- Engineered public Generative AI tools including PDF Chat Assistant and Branding Generator, leveraging prompt engineering, embeddings, and RAG to handle 2,000+ queries monthly.
- Automated full-stack AI integrations with Flask and Streamlit, scaling applications to reduce processing time by 45% and improve model accuracy.
- Optimized AI/ML workflows using Hugging Face and Transformers, deploying solutions that boosted overall system efficiency and user engagement.

Projects:

HireSight - AI Career Assistant Platform

- Developed a full-stack Generative AI platform using Python, LangChain, and OpenAI APIs to address job search challenges by providing resume optimization and job support.
- Integrated LLMs for personalized career advice, automating resume parsing and job matching, which increased user efficiency by 40%.
- Deployed on Streamlit, serving over 300 users and incorporating RAG for accurate, context-aware responses.

Personal AI Assistant for PC

- Built a voice-activated AI assistant using Python, OpenAI APIs, and LangChain to automate PC tasks and improve productivity for daily users.
- Engineered voice command automation with embeddings and Transformers, reducing task completion time by 50% for routine operations.
- Optimized for full-stack integration, enabling seamless interaction and scaling to handle multiple commands simultaneously.

AI Startup Name & Branding Generator

- Engineered a Generative AI tool with LLMs and Hugging Face to generate startup names and branding elements, solving creative ideation bottlenecks.
- Utilized prompt engineering and Python to produce customized outputs, boosting user satisfaction by 60% through iterative refinements.
- Deployed as a web app via Flask, processing over 1,000 requests and incorporating AI/ML for diverse, market-relevant suggestions.

AI-Powered PDF Chat Assistant

- Created a RAG-based chatbot using LangChain, OpenAI APIs, and Python to enable interactive querying of PDF documents for education and productivity.
- Automated document analysis with embeddings and Transformers, improving information retrieval accuracy by 70%.
- Scaled the full-stack application to support multiple users, deploying on Streamlit for efficient, real-time interactions.

Education:

Bachelor of Science in Computer Science, Sukkur IBA University, Pakistan 2024

Certifications:

AI For Everyone – DeepLearning.AI (Coursera)

Prompt Engineering for ChatGPT – Vanderbilt University (Coursera)

Build Chatbots with Python – FreeCodeCamp

Generative AI with LLMs – DeepLearning.AI (Coursera)

Fine-tune LLMs with Hugging Face – Google Cloud (Coursera)