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PROFESSIONAL SUMMARY

Python developer with practical experience in AI/ML and building LLM-based applications. Skilled in using LangChain, Hugging Face, and Groq to create solutions involving prompt engineering, retrieval-augmented generation (RAG), and real-time system integration. Built multi-agent LLM workflows, designed chatbot memory and routing logic, and deployed models in production-ready web apps. Familiar with fine-tuning and applying LLMs in NLP, translation, and job matching tasks. Open to full-time remote work and ready to collaborate in agile development teams.

EDUCATION

Federal University of Technology, Akure (FUTA)

- M.Eng. in Civil Engineering (Awaiting result)
- B.Eng. in Civil Engineering (2016-2021)

Robotics and Artificial Intelligence Nigeria (RAIN), Ibadan

AI & Deep Learning Trainee (June 2024 – Feb 2025)

Currently assisting new trainees and supporting facilitators with training and projects while seeking a full-time professional opportunity.

- Learned NLP, supervised learning, transformers, and model deployment.
- Built practical AI tools using LangChain, Hugging Face, and vector databases.

TECHNICAL SKILLS

- **Programming:** Python
- **AI/ML**: Transformers, LangChain, Hugging Face (BERT, LLaMA, Falcon), Prompt Engineering, Multi-Agent Systems
- **NLP Workflows**: LLMs, RAGs, Semantic Search
- **Vector Databases**: FAISS, Pinecone
- **Web Development**: Flask, HTML, CSS, JavaScript
- **Databases**: MySQL, SQLite, PostgreSQL
- **Version Control**: Git, GitHub
- **Deployment Tools**: PythonAnywhere, Vercel, basic AWS
- **Visualization**: Matplotlib, Seaborn, Tableau

PROFESSIONAL PROJECTS

LLM-Powered Chatbot with LangChain and Multi-Model Support

- Built a smart chatbot using LangChain, integrating GPT-4o-mini, Claude, Mixtral, and LLaMA.
- Connected it to external tools like Wikipedia and DuckDuckGo for factual and real-time info retrieval.
- Designed prompt templates, memory management, and routing between models.

Healthcare Translator Using Generative AI

- Developed a voice-based medical translator that enables doctor-patient conversations across languages.

- Used Groq's LLaMA 70B for multilingual translation and integrated speech-to-text and text-to-speech tools.

- Built with Flask (backend) and deployed using Vercel.

Job Matching Website using Local LLM (Ongoing)

- Currently developing a web app that scrapes job listings from various sites.

- Uses Ollama (local LLM) to deeply understand job descriptions beyond surface-level keywords.

- Compares parsed job content with a user's skills and experience (also passed to the model) to determine suitability.

School Management System with Voice Input

- Created a web-based school platform for managing students, teachers, and academic records.

- Process commands with an LLM at the backend with strict instructions as to the structure of response to return

- Integrated speech-to-text input using Web Speech API and built a backend with Flask and MySQL.

SOFT SKILLS

- Fast learner, adaptable, and eager to contribute

- Excellent problem-solving and analytical thinking

- Strong written and spoken English

- Good communication and teamwork

- Able to work independently or collaboratively

- Organized and able to multitask effectively

AVAILABILITY

Available for full-time remote roles. Prepared, with stable internet, electricity and a Personal Computer.

REFERENCES

Available on request.