

MOSES OGAGAOGHENE LIVINGSTONE

AI/ML Engineer | MLOps | Backend Engineering +2349033665340 ◇
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AI/ML Engineer with over 5 years of experience designing, deploying, and optimizing intelligent systems for real-world problems. Skilled in building deep learning models, automating ML workflows with MLOps tools, and integrating AI into production environments. Experienced in NLP, computer vision, recommender systems, and cloud-native model deployment using Docker, Kubernetes, and AWS. A strong background in backend engineering and DevOps enhances my ability to deliver full-stack AI solutions.

SKILLS

- **LANGUAGES:** PYTHON, C#, JAVASCRIPT, PHP
- **FRAMEWORKS:** TENSORFLOW, KERAS, PYTORCH, LANGCHAIN, FASTAPI, ASP.NET CORE
- **LLM / AI TOOLS:** OPENAI API, OLLAMA, LANGCHAIN, LANGGRAPH, HUGGINGFACE, FAISS, PINECONE, TRANSFORMERS, PANDAS, SK-LEARN
- **AI AUTOMATION:** N8N, WEBHOOKS, WORKFLOWS.
- **DATA SCIENCE:** NUMPY, PANDAS, DATA ANALYSIS, DATA PROCESSING, RESEACH.
- **DATABASES:** MYSQL, POSTGRESQL, MONGODB, REDIS, SQLITE, ELASTIC SEARCH, KAFKA
- **DEVOPS / MLOPS:** DOCKER, KUBERNETES, TERRAFORM, ANSIBLE, GITHUBACTIONS, MLFLOW, NGINX
- **CLOUD STACK:** AWS LAMBDA, AWS S3, AWS BEDROCK, AZURE SERVICE BUS, AZURE AI FOUNDRY

EXPERIENCE

AI/ML Engineer

AI/Tech, June 2024 – Present

- Developed an NLP-based text classification system to categorize customer support queries with 90%+ accuracy.
- Fine-tuned Ollama LLMs and built a virtual assistant integrated into WhatsApp Business using a custom API and message routing logic.
- Built a RAG-based document Q&A system using python LangChain, OpenAI embeddings, and FAISS to support knowledge retrieval in enterprise chatbots.
- Designed and deployed automated MLOps pipelines using Docker, Kubernetes, and GitHub Actions for continuous training and deployment.
- Led the development of multi-modal LLM agents using python LangChain and Hugging Face Transformers for smart business insights.
- Utilized cloud-native tools (AWS Lambda, S3, Bedrock) to serve scalable LLM endpoints for multiple client applications.

AI/MLOps Engineer (Contract)

Adeon, Jun 2023 – Jun 2024

- Developed an AI-powered health app providing users with personalized medical advice through an intelligent chatbot assistant.
- Integrated skin disease and eye condition detection models using CNNs and computer vision pipelines.
- Embedded conversational AI to guide users in understanding diagnoses and preventive health steps.
- Optimized deployment for scalability and security, ensuring compliance with healthcare standards.

Tools: Python, scikit-learn, OpenCV, Postgres db, pandas, Numpy, FastAPI, Pytorch

Site Reliability Engineer (SRE)

El-coolex – Jan 2022 – Jan 2024

- Built and maintained automated CI/CD pipelines with GitHub Actions and integrated them into product workflows.
- Designed and deployed cloud-native infrastructure on AWS using Terraform, Ansible, and Docker.
- Optimized system performance, proactively addressed incidents, and ensured platform uptime and reliability.
- Spearheaded Infrastructure as Code (IaC) for consistent environment provisioning and reduced drift.
- Deployed containerized services with Kubernetes, ensuring system scalability and resilience.

Tools: Docker, Kubernetes, Terraform, Ansible, AWS, GitHub Actions, NGINX

Backend Engineer

Social Box – June 2020 – Jan 2022

- Developed scalable, RESTful APIs using C# ASP.NET Core and Django, improving system performance and reliability.
- Collaborated with frontend teams to optimize API usability and reduce latency.
- Tuned database queries and indexing, resulting in 40% faster data retrieval and improved scalability.

Tools: Python, C#, ASP.NET Core, PostgreSQL, MongoDB

AI/ML Research Assistant (Part-time)

University of Uyo | Dept. of *Computer Engineering*

Oct 2019 – Jan 2021

- Conducted research on AI applications in cybersecurity and smart surveillance systems.
- Co-developed a face recognition-based attendance system using OpenCV, CNNs, and SQLite backend.
- Built an electricity theft detection system using sensor networks and anomaly detection techniques in scikit-learn.
- Participated in grant writing and technical documentation for ML-driven research proposals.

Tools: Python, scikit-learn, OpenCV, SQLite, pandas, Numpy Raspberry Pi, MQTT

SIDE PROJECTS (FREELANCE / PERSONAL)

- **LangChain Q&A App:** Document-based retrieval system using LangChain + FAISS + OpenAI. Users can upload PDFs and ask natural language questions via Streamlit frontend.
- **GPT-3.5 Chatbot for WhatsApp:** Integrated OpenAI GPT-3.5 via FastAPI webhook with persistent SQLite memory for smart replies on WhatsApp.
- **Boom/Crash Market Predictor:** Deep learning model using PyTorch and technical indicators (RSI, MACD) for price trend forecasting.
- **Autonomous UGV Rover** – 2D LiDAR + Computer Vision using NVIDIA Jetson TX1.
- **Face Recognition Attendance System:** Built with OpenCV + Python, used in real deployment at a startup.
- **License Plate Recognition:** YOLO + OpenCV-based system for parking gate automation.
- **CV Game in Python** – Fun side project using object tracking with OpenCV.

EDUCATION

- AITech Abuja Nigeria.
Diploma in AI/ML Engineering (2026).
- Delta State University Abraka, Nigeria.
Bachelor of Science, Human Anatomy and Cell Biology (2018).

REFERENCE

Availiable upon Request