

CHUKWUMAM DAVID

AI ENGINEER

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GITHUB: [David's Repository](#)

EXPERIENCE

CAVIC GAMES – AI ENGINEER& C.T.O (Fullstack, opencode, claude code, codex, Google AI Studio, Perplexity)
05/05/2025 – Present

NEURAL ROW – AI ENGINEER (Python, PyTorch, TensorFlow, NLP, Deep Learning)
05/11/2024 – 05/05/2025

NEXIBOT UK – Fullstack Engineer (TypeScript, PHP)
01/05/2024 – 01/11/2024

BELIEVER'S YARD - Website Development (HTML, CSS, Javascript)
7/01/2024 – 30/04/2024

PERSONAL PROJECTs

1. VECTRONIX AI STUDIO – [Github link](#) | [Google Drive](#) (Python, LangGraph, FastAPI, LiteLLM, LangMem, LangChain, Cerebras, Google Gemini, Node.js, Express.js, React, TypeScript, PostgreSQL, ChromaDB, Redis, Docker)

2. AI LEAD GENERATION & ASSESSMENT AGENT - [Pictures Overview on Google Drive](#) (Python, LangChain, LangGraph, PostgreSQL, Configurable LLMs [ALL LLMS], ScrapeGraph-AI, SearXNG API, Perplexica API, Circuit Breakers [pybreaker], Docker)

3. MACHINE LEARNING PROJECTS – [Github Link](#) (Python, Pandas, Scikit-learn, TensorFlow, Keras, PyTorch, Torchvision, Hugging Face Transformers, Google Generative AI, OpenCV, Matplotlib, Seaborn)

4. TUBECODER - [Youtube Link](#) and [Github Link](#) (Python, Langchain, FastAPI, Next.js, React, TypeScript, Google Gemini Models, FAISS, yt-dlp, pydub)

5. QUANTUM CORTEX BOT - [Youtube Meeting with Neural Row](#) (Python, LangChain, SQLite, Llama 3, RAG Model)

SKILLS

Proficiency in Python | Proficiency in MySQL | Pandas | Numpy | JSON Handling | SQLite | Scikit-learn | Keras | TensorFlow | Torchvision | Pytorch | Regression | Clustering | Hugging Face Transformers | OpenCV | Classification | Machine Learning | Deep Learning | Natural Language Processing (NLP) | Computer Vision | Data Preprocessing | Model Evaluation | Data Visualization | Proficiency in prompt engineering | Experience with large language models (LLMs) | Familiarity with Retrieval-Augmented Generation (RAG) pipelines | Multimodal Model Interaction | Vector Stores (FAISS) | Embeddings | Langchain | API Design & Integration (using APIs) | FastAPI | Uvicorn | Next.js | React | TypeScript | yt-dlp | pydub | Agentic Frameworks like (LangChain, LangGraph, n8n, e.t.c) | PostgreSQL | Web Scraping | Circuit Breakers (pybreaker) | Docker | Git | GitHub | API Design & Integration | Strong problem-solving and analytical skills | Effective communication and teamwork skills | Prompt Engineering | Agentic engineering

PROFESSIONAL CERTIFICATE & CERTIFICATION

- [GOOGLE DATA COURSE](#)
- [GOOGLE PYTHON COURSE](#)
- [IBM GITHUB COURSE](#)
- [KAGGLE DATA CLEANING COURSE](#)
- [KAGGLE DATA VISUALIZATION COURSE](#)
- [KAGGLE MACHINE LEARNING COURSE](#)
- [KAGGLE PANDAS COURSE](#)

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EDUCATION

University of Lagos, Nigeria. - *BSc Mechanical Engineering (2020- 2025 (Finished)*