

Idowu Ayomide Damilare
Senior AI & LLM Engineer | OpenAI | LangChain | RAG |
AI Agents | Python

SUMMARY

Designed and implemented AI solutions including custom AI agents, Retrieval-Augmented Generation (RAG) applications, and OpenAI integrations. Delivered automation workflows that reduced manual effort, improved customer engagement, and streamlined business operations through scalable, production-ready AI systems.

TECHNICAL SKILLS

Main Technical Skills	AI Agents: n8n (2 yr.), Workflow Management (2 yr.), CRM (2 yr.)
Platforms	CRM (2 yr.)
Methodologies, Paradigms and Patterns	Workflow Management (2 yr.)

AI & LLM Engineer

January 2024 – Present

Responsibilities

- Developed AI-powered chatbots using OpenAI APIs.
- Built Retrieval-Augmented Generation (RAG) applications for document search and question answering.
- Created AI workflow automation to streamline business operations.
- Integrated AI solutions with CRMs and third-party APIs.
- Designed prompt engineering strategies to improve LLM accuracy.
- Built REST APIs using Python and FastAPI.
- Optimized AI systems for performance, scalability, and security.

AI Customer Support Chatbot

Technologies: OpenAI, Python, FastAPI

Built an AI chatbot capable of answering customer questions, handling FAQs, and reducing support response times.

RAG Document Assistant

Technologies: LangChain, OpenAI, ChromaDB

Developed a Retrieval-Augmented Generation system that allows users to upload PDFs and receive accurate, context-aware answers.

AI Appointment Booking Assistant

Technologies: OpenAI API, Google Calendar

Created an AI assistant that books appointments, sends reminders, and automates scheduling workflows.

AI Sales Assistant

Technologies: GPT-4, Python

Designed an AI assistant that qualifies leads, generates personalized responses, and assists with customer engagement.

Multi-Agent AI Workflow

Technologies: LangGraph, OpenAI

Built a multi-agent system where specialized AI agents collaborate on research, planning, and task execution.

Certificates

- OpenAI API Fundamentals
- LangChain for LLM Application Development
- Python for Everybody
- Google Cloud Generative AI
- Microsoft Azure AI Fundamentals (AI-900)
- AWS Certified Cloud Practitioner
- DeepLearning.AI Prompt Engineering for Developers

Education

Bachelor's Degree in Computer Science

Ibadan University

2018

