Oyebanji Adegboyega

AI Engineer & Security Specialist — Multi-Agent Systems, Automation, and Backend Infrastructure

✉️ Oyebanjiadegboyee@gmail.com 💻 github.com/GBOYEE

🌍 gboyee.github.io 📍 Remote (Nigeria)

Summary

Engineer focused on building robust, production-grade AI systems. Creator of OpenClaw (multi-agent orchestration platform), auto-sme (deterministic content generation), and xander-operator (reusable AI primitives). Strong emphasis on security, auditability, and clean architecture.

> **Impact highlights:**
>
> - **OpenClaw**: Gateway + agent runtime powering secure, self-healing multi-agent deployments
> - **auto-sme**: Deterministic pipeline that generates educational content from prompts to PDF
> - **xander-operator**: Modular AI operator with browse, fill, research, and vector memory
> - **aiopsx**: Toolkit for deploying, monitoring, and securing AI agents at scale
> - **HiveSec-Ecosystem-Hub**: Streamlit dashboard for multi-agent security operations

Technical Skills

AI & ML

- Local LLMs (Ollama, llama.cpp)
- OpenRouter API & cloud LLMs

Backend & Infrastructure

- Python (FastAPI, asyncio)
- Redis (caching, pub/sub)
- Docker & containerization

- Prompt engineering & multi-step pipelines
- Vector memory (sentence-transformers)
- RLHF concepts & alignment loops

- GitHub Actions CI/CD
- Linux system administration

Frontend & Visualization

- HTML5 / CSS3 (Tailwind, custom)
- TypeScript / React basics
- Streamlit dashboards
- SVG diagram generation (Graphviz)

Blockchain & Web3

- Solana (anchor, web3.js)
- Smart contract concepts
- Crypto payment integration

Flagship Projects

OpenClaw

Open-source multi-agent orchestration platform. Core components: gateway (WebSocket + REST), agent runtime with memory (vector + SQLite), plugin system, and self-healing mechanisms. Built for production deployments and integrates with OpenRouter for LLM orchestration.

Python FastAPI Redis OpenRouter WebSocket

Role: Sole developer — full lifecycle from architecture to deployment.

GitHub • Live demo

auto-sme

Deterministic AI-assisted content generation pipeline. Uses Jinja2 templates, WeasyPrint PDF assembly, and LLM calls (Ollama/OpenRouter) to produce structured educational materials end-to-end. Includes QA checking and asset generation.

Python Jinja2 WeasyPrint Ollama

GitHub

xander-operator

aiopsx

Modular AI operator exposing reusable capabilities: web browse, form fill, research summarization, and vector memory (sentence-transformers). Designed as a building block for autonomous agents; provides a clean API and state management.

Python FastAPI Redis sentence-transformers

GitHub

Production-grade operations toolkit for AI agents. Provides Docker-compose setup, health checks, structured logging, Prometheus metrics, and easy configuration. Aimed at reliable deployments and monitoring of agent services.

FastAPI Docker Redis Prometheus

GitHub

HiveSec-Ecosystem-Hub

Streamlit dashboard unifying multi-agent security operations: vulnerability scanning, alignment checks, audit trails, and real-time alerts. Serves as the control plane for monitoring and manual intervention across the agent ecosystem.

Streamlit Python Redis Real-time

GitHub

Experience & Education

Independent AI Engineer (2023–Present)

- Designed and built **OpenClaw**: a multi-agent orchestration platform with secure messaging, self-healing, and extensible plugins.

- Created **auto-sme**: deterministic pipeline for AI-assisted content generation with PDF output and QA.
- Developed **xander-operator**: modular AI primitives (browse, fill, vector memory) for autonomous agents.
- Built **aiopsx** and **HiveSec-Ecosystem-Hub** for production deployment, monitoring, and security operations of AI agents.

Education — B.Sc. in Computer Science (in progress), self-taught in AI/ML and security.

Last updated: April 2026 • Portfolio • GitHub