KAMASAH DICKSON

Software Engineer – AI Systems & Full-Stack Development
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SUMMARY

Software engineer building AI products, web applications and smart contracts. Co-founder of Salescom and EduChain Hackathon winner.

SKILLS

Languages: TypeScript | Python | Go | SQL | Solidity
AI Engineering: LLM Agents | RAG & Vector Search | Prompt Engineering & Evaluation
Software Engineering: System Design | Backend API Development | Frontend Development
Data & DevOps: Database Design | Docker | CI/CD & Cloud Deployment
Blockchain Security: Smart-Contract Development | Smart-Contract Auditing

WORK EXPERIENCE

SALESCOM **Jul. 2026 – Present**
Co-Founder & Lead Engineer

- Built the AI sales engine that lets businesses sell on WhatsApp, Telegram, Messenger and Instagram.
- Designed negotiation and lead-qualification logic that respects each seller's pricing limits.
- Added accuracy checks so customers only receive correct prices and stock information.
- Built a secure multi-tenant backend with Python, FastAPI, PostgreSQL and Redis.

PROJECTS

PAYLESS4TECH AI SALES AGENT

- Built a WhatsApp AI sales agent handling about **7,000 customer conversations per month**.
- Improved product recommendations with LangGraph and semantic search (pgvector).

SENTINEL AUDIT – Smart-Contract Security Tool

- Built a Python tool that combines Slither, Echidna and AI analysis to audit smart contracts.
- Validated its accuracy against OpenZeppelin v5.1.0, a heavily audited library.

YIELDEDU – EduChain Hackathon Winner

- Led end-to-end development of a DeFi education platform, architecting the investment and reward smart contracts behind it.

EDUCATION

CODETRAIN AFRICA
Software Engineering

CERTIFICATIONS & AWARDS

Winner – EduChain Hackathon
Stellar Journey to Mastery Program – Rise In × Stellar, Jun. 2026
Solidity & BNB Chain Development Bootcamp – Rise In × BNB Chain, Nov. 2023
JavaScript Algorithms & Data Structures – freeCodeCamp, Aug. 2023