ALU ONARI

✉ aluprince03@gmail.com | ⚲ Port Harcourt, Nigeria | ⚭ github.com/aluprince

PROFESSIONAL SUMMARY

High-impact Backend & AI Engineer with 1+ year of experience in building scalable REST APIs, optimizing database performance, and implementing robust AI agents using FastAPI, Python, and PostgreSQL. Proficient in designing secure authentication flows and AI-powered chatbots, with a strong grasp of System Design and AsyncIO.

TECHNICAL SKILLS

Languages: Javascript, Node.Js, Python, Sql

Frameworks: Express, Fastapi, Langchain, Langgraph, Sqlalchemy

Tools & DevOps: Aws (Basic), Docker, Git, Pdf Rendering, Postgresql, Redis, Vector Databases

Core Concepts: Agentic Workflows, Asyncio, Ci/Cd (Basic), Database Normalization, Jwt Auth, Rag Architecture, Rest Apis, System Design

PROFESSIONAL EXPERIENCE

Backend & AI Engineer
Independent / Project-Based

- Architected scalable REST APIs and AI pipelines using FastAPI, Python, and SQLAlchemy, achieving 20-35% performance gains.
- Built a RAG-powered authentication AI chatbot reducing support workload by ~45% via LangChain and caching.
- Designed secure authentication flows (JWT, OAuth2, RBAC) and optimized PostgreSQL schemas for high-concurrency systems.

KEY PROJECTS

SniperHire-V1 (Autonomous AI Orchestrator)

- Developed autonomous workflow processing 50+ job descriptions daily, extracting requirements with 92% accuracy and performing ATS scoring targeting 85-95% pass rates.
- Built RAG pipeline for intelligent keyword injection and resume tailoring via Jinja2 with async processing for real-time generation.
- Implemented system design patterns and async I/O pipelines reducing resume generation time from 2min to 15 seconds per document.

AI Authentication Chatbot (RAG + Verification)

- Built LLM-powered assistant handling 1000+ verification and onboarding queries with 98% accuracy.
- Optimized retrieval latency by 30% using embeddings caching, chunk compression, and async search pipelines.
- Integrated token-based authentication and rate limiting, preventing abuse while serving 50+ concurrent users.

BidBuy Marketplace – Schema & Auth Design

- Designed normalized PostgreSQL schemas supporting complex user roles, permissions, and session management for 10,000+ users.
- Implemented Dockerized deployment with secure password hashing, bcrypt encryption, and login attempt tracking.
- Reduced authentication latency by 25% through query optimization and caching strategies.

EDUCATION

Bachelor of Engineering in Electrical & Electronics Engineering   **In Progress (Expected 2027)**
University of Port Harcourt
Focus: Computational Logic and Software Architecture