

# ALU ONARI

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## PROFESSIONAL SUMMARY

High-impact Backend & AI Engineer with 3+ years of experience in building scalable REST APIs, optimizing database performance, and implementing robust AI agents using Python, FastAPI, and PostgreSQL. Proven experience in RAG architectures, AsyncIO, and query optimization.

## 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