

# ALU ONARI

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## PROFESSIONAL SUMMARY

Highly motivated Backend and AI Engineer with strong experience in building scalable REST APIs using FastAPI and Python, leveraging Docker for containerization, and designing secure authentication flows with JWT-based systems. Proficient in working with PostgreSQL databases and collaborating with frontend engineers and product managers to deliver high-quality backend services.

## 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.
- Designed secure authentication flows (JWT, OAuth2, RBAC) and optimized PostgreSQL schemas for high-concurrency systems.
- Created reusable backend service templates reducing project initialization time by 50%.

## 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

*University of Port Harcourt*

Focus: Computational Logic and Software Architecture

In Progress (Expected 2027)