

ALU ONARI

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PROFESSIONAL SUMMARY

High-impact Backend Engineer with strong experience in building production-grade services using Python and FastAPI, leveraging PostgreSQL databases and Docker for containerization, and designing scalable REST APIs with a solid understanding of authentication and authorization mechanisms such as JWT-based systems.

TECHNICAL SKILLS

Languages: Go, Javascript, Node.Js, Php, Python, Sql

Frameworks: Express, Fastapi, Langchain, Langgraph, Sqlalchemy

Tools & DevOps: Aws (Basic), Docker, Git, 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.
- Engineered a dual-interface system including a Streamlit Web UI for rapid prototyping and a Python CLI for automated batch processing and developer workflows.

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 2028)

University of Port Harcourt

Focus: Computational Logic and Software Architecture