

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

University of Port Harcourt

Focus: Computational Logic and Software Architecture

In Progress (Expected 2027)