

TEMILOLUWA OGUNDIRAN

+2349025283155 ◊ Lagos, Nigeria

temiloluwaogundiran@gmail.com ◊ <https://www.linkedin.com/in/temiloluwaogundiran/>

PROFESSIONAL SUMMARY

Backend Engineer proficient in building scalable, event-driven applications using Python (FastAPI, Django), Type-script and Java (Spring Boot). Skilled in designing asynchronous architectures with RabbitMQ and Celery to optimize data flow and system stability.

EDUCATION

B.Sc. Computer Science , Covenant University , CGPA - 4.76/5.0

Expected 2026

SKILLS

Skills Java, Python, Javascript, Linux, Git, Docker, FastAPI, Django, SpringBoot, Postgres, Redis, RabbitMQ, Elastic Search, AWS, Langchain

EXPERIENCE

Software Engineer

Dec 2024 - Present

Chowdome

Remote

- Redesigned the order ingestion pipeline using asynchronous task queues (RabbitMQ/Celery) to prevent blocking operations, enabling the platform to sustain concurrent traffic from 8,000+ active users without downtime.
- Unified Telegram and WhatsApp logic under a single Finite State Machine (FSM), ensuring consistent order execution regardless of platform and reducing edge-case failures to near zero .
- Maintained backend services handling over 25,000 processed orders, implementing robust error handling and logging to minimize downtime during peak usage windows, leveraging Python and Django

Information Technology Intern

Jun 2025 - Sep 2025

KPMG Nigeria

Lagos, Nigeria

- Built a knowledge retrieval system leveraging Elasticsearch and Vector Databases to support internal IT operations. Developed custom document chunking strategies that increasing retrieval precision by est. 25% .
- Designed and deployed a self-service chatbot to handle routine IT inquiries, successfully automating Tier-1 support tasks and reducing the manual ticket load for the support team.

PROJECTS

SignalSync Automation Engine — *Python, MetaTrader 5 API, Telegram API*

- Built an automated execution engine that parses text streams into structured commands, minimizing trade slippage by achieving sub-100ms execution times .
- Engineered a custom MT5 bridge to handle high-frequency polling, cutting the signal-to-trade lag by 50% and eliminating API bottlenecks during concurrent execution.

Team Talker — *Next.js, WebSockets, Yjs*

Developed a real-time collaborative whiteboard platform focusing on eventual consistency in distributed environments. This system utilizes Conflict-free Replicated Data Types (CRDTs) via Yjs to resolve concurrent user updates seamlessly, ensuring zero data loss during simultaneous multi-user sessions.

LEADERSHIP

- Led the GDSC Applied AI & Automation community of 100+ members, orchestrating 5 workshops and project showcases. Coordinated a team of 3 technical leads to foster collaborative learning, resulting in 4 successful student projects and a significant increase in member engagement.