TEMILOLUWA OGUNDIRAN

+2349025283155 ⋄ Lagos, Nigeria

temiloluuu@gmail.com ⋄ https://www.linkedin.com/in/temiloluwaogundiran/

PROFESSIONAL SUMMARY

Backend Engineer proficient in building scalable, event-driven applications using Python (FastAPI, Django), Typescript 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 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-200ms 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.