

# OLAPADE TEMILOLAOLUWA

## EMMANUEL

FULL-STACK PRODUCT ENGINEER | SOFTWARE ENGINEER | AI & IOT SYSTEMS BUILDER

Lagos, Nigeria | Open to remote opportunities and relocation

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### PROFESSIONAL SUMMARY

Full-Stack Product Engineer and Computer Engineering student building end-to-end products across AI automation, fintech, proptech and IoT. Strong in Python, FastAPI, JavaScript/TypeScript, React/Next.js, PostgreSQL/Supabase, API integrations and production debugging, with a focus on secure workflows, clear data models and deployment-ready architecture.

### SELECTED PRODUCT ENGINEERING

#### SignalRankAI | Lead Product Engineer & Full-Stack Developer

Public beta | AI, trading and automation

Architected an AI-assisted multi-asset trading ecosystem for market scanning, strategy selection, personalised Telegram delivery, subscriptions, outcome tracking and future broker execution.

Implemented provider-health monitoring, deduplication, lifecycle states, access controls, database session gating and production diagnostics.

#### Ujo OS | Lead Product Engineer & Full-Stack Developer

Production | IoT, edge systems and smart infrastructure

Designed an offline-first smart-home OS with local hub authority, secure cloud fallback, multi-user permissions, energy control, device health, food intelligence and resilient remote access.

#### My Estate | Lead Product Engineer & Full-Stack Developer

Deployed privately | Proptech and multi-tenant SaaS

Built a configurable property-operations platform for estates and landlords, modelling ownership, occupancy, billing, payments, maintenance, access and communication as role-aware workflows.

#### JARVIS | Lead Product Engineer & Full-Stack Developer

Production | Automation and system reliability

Built a self-healing operational intelligence layer combining monitoring, failure detection, automated recovery, health visibility and human override.

#### BlueLink | Backend Contributor

Public beta | Fintech and escrow

Contributed FastAPI/PostgreSQL backend workflows for Paystack payments, webhooks, authentication, escrow, wallets, refunds, releases and payouts.

### CLIENT WORK

Delivered full-stack features, integrations, debugging and deployment support for selected private clients; details available on request where confidentiality permits.

### TECHNICAL SKILLS

#### Languages

Python, JavaScript, TypeScript, SQL, C, C+, HTML5, CSS3

#### Frontend

React, Next.js, responsive web, PWA architecture, API integration

#### Backend & data

FastAPI, PostgreSQL, Supabase, Redis, REST APIs, webhooks, background jobs

#### Cloud & tooling

Git/GitHub, Docker, Railway, Vercel, environment management, logging and health checks

#### Product & security

Requirements engineering, domain modelling, authentication, RBAC, payments, idempotency and audit trails

#### AI & IoT

LLM integration, automation, edge/offline-first architecture and device-control workflows

#### Networking

Cisco Packet Tracer, routing and switching, network defence fundamentals

### EDUCATION

#### Bachelor of Engineering (B.Eng), Computer Engineering

Covenant University, Ota, Ogun State

Expected July 2027

### CERTIFICATIONS

#### Cisco

CCNA Introduction to Networks; Switching, Routing & Wireless Essentials; Introduction to Cybersecurity; Network Defense; Networking Basics

#### Additional

AutoCAD: Computer-Aided Design & Manufacture; OBTranslate Prompt Engineering with Large Language Models