



Oluwaseyi Edward Segun

SENIOR PRODUCT ENGINEER

● AVAILABLE FOR SELECT ENGAGEMENTS

PYTHON / DJANGO / FLUTTER / PRODUCT SYSTEMS



Software that carries the weight of the business.

I build backend-heavy web and mobile systems for businesses that need reliable software, not experiments.

I am a Python/Django full-stack engineer with 10+ years of experience designing management systems, internal tools, dashboards, admin platforms, e-commerce workflows, and operational software that teams depend on every day.

My strength is speed with structure. I move quickly from idea to production, but I care just as much about clean architecture, maintainable code, documentation, deployment, and long-term stability.

I am comfortable owning the full technical path: database design, backend architecture, APIs, real-time workflows, background jobs, integrations, server setup, monitoring, and production support.

10+

YEARS BUILDING PRODUCTION SYSTEMS

35+

PROJECTS ACROSS WEB, MOBILE, AND
OPERATIONS

Full cycle

ARCHITECTURE, BUILD, DEPLOYMENT, AND
SUPPORT

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CORE STRENGTHS

BACKEND ARCHITECTURE

MANAGEMENT PLATFORMS

OPERATIONAL DASHBOARDS

REST APIS

FLUTTER APPS

PAYMENTS

IOT WORKFLOWS

PRODUCTION INFRASTRUCTURE

DOCUMENTATION

Products built around real operations.

Selected platforms where users, staff, money, infrastructure, and operational workflows have to cooperate reliably every day.

01	Mobile Apps SELECTED SYSTEM	Cajin Solar eMobility & Renewable Energy Platform Flutter mobile apps, Django backends, admin workflows, payments, referrals, IoT device onboarding, analytics, and operational tooling for solar mobility and mini-grid operations. https://cajinsolar.com/resources/mobile-app/
02	E-commerce SELECTED SYSTEM	MEGACAREONLINE Commerce & Health Platform A health, beauty, and lifestyle e-commerce ecosystem with inventory, CRM, logistics workflows, pharmacist chat, lab test requests, trackers, and multi-currency support. https://megacare.ng
03	Backend Engineering SELECTED SYSTEM	eDryv Ride-Hailing Backend Foundation Production-ready Django backend for a ride-hailing MVP with scalable APIs, Linode infrastructure, monitoring, and ReadTheDocs documentation. https://edryv.io
04	Product Systems SELECTED SYSTEM	Jekaplay Operations & Arcade Automation Digital operations platform for sales, food ordering, arcade operations, wallets, online payments, blogs, bulk SMS, and game-station automation. https://jekaplayonline.com
05	E-commerce SELECTED SYSTEM	Black & Colours Online Ordering Platform E-commerce platform for online ordering, customer engagement, inventory tracking, CRM, reporting, CMS, multi-currency transactions, and email operations. https://blackandcolours.com

Hands-on engineering with product ownership.

2025 - PRESENT

Back End Developer

FOLTI TECHNOLOGIES LIMITED

Retained to provide ongoing backend and IT support, helping maintain internal systems, resolve technical issues, and support in-house IT operations.

Focus areas include backend reliability, infrastructure support, troubleshooting, and keeping key technical workflows running smoothly.

2025 - PRESENT

Product & Software Engineer

SUNHIVE LTD

Building product and software platforms for renewable energy operations across solar mobility, mini-grid operations, customer management, payments, IoT control, analytics, and admin workflows.

Lead development across the Cajin Solar Flutter app, Django backend systems, and web-admin tools used by customers, field teams, station operators, affiliates, and internal staff.

Tech: Flutter, Dart, Django, Python, DRF, PostgreSQL, Celery, Redis, Firebase Cloud Messaging, Paystack, OPay, Monnify, Shelly IoT, and REST APIs.

2018 - 2025

Head Of Information Technology Department

MUL-T-LOCK NIGERIA LIMITED

Lead the company's IT function and a team of three developers, overseeing software development, infrastructure, internal systems, and day-to-day technology operations.

Design and manage web application architecture, coordinate development tasks, support servers and websites, manage email systems, ISP relationships, internal networking, and business technology stability.

2023 - 2024

Back End Developer

FOLTI TECHNOLOGIES LIMITED

Served as sole backend engineer for a ride-hailing startup, leading backend design, development, deployment, monitoring, and documentation ahead of MVP launch.

Built the backend from scratch with Django, designed scalable REST APIs, managed Linode infrastructure, configured production deployments, and implemented Prometheus/Grafana monitoring.

2021 - 2023

Chief Technology Officer

MEGACAREONLINE

Led development of a health, beauty, and lifestyle e-commerce ecosystem from the ground up.

Designed backend architecture, database structure, inventory, CRM, logistics workflows, health trackers, pharmacist chat, lab test requests, multi-currency support, VPS deployment, user training, and ongoing improvements.

Tech: Python, Django, Celery, Redis, PostgreSQL, Elasticsearch, TinyMCE, Ubuntu, Nginx, Daphne, Supervisor, and PgBouncer.

Earlier delivery, education, and technical range.

2016 - 2023

Web Developer

JEKAPLAY

Built and maintained a digital operations platform supporting sales tracking, food ordering, arcade operations, wallet functionality, online payments, blogs, bulk SMS, and e-commerce features.

Delivered an arcade automation system using an internet-enabled SPDT relay board to control game stations based on paid play time.

Tech: Python, Django, Channels, Redis, MySQL, TinyMCE, Ubuntu, Nginx, Daphne, and Supervisor.

2022 - 2022

Web Developer

ENERGY FIRST LIMITED

Developed an e-commerce and billing platform supporting product purchases, prepaid electricity unit transactions, and STS 20-digit token generation.

Built inventory, CRM, reporting, support, FAQs, knowledge base, CMS, multi-currency transactions, deployment, and user training.

2020 - 2021

Web Developer

WELLPATH PHYSIOTHERAPY

Designed and developed a custom e-commerce platform that helped extend physical-store operations into online retail for medical devices and wellness products.

Built product management, online sales, inventory, CMS updates, email marketing, DNS configuration, VPS deployment, and production setup.

2020 - 2021

Web Developer

BLACK & COLOURS LTD

Developed an e-commerce platform to modernize online ordering, customer engagement, inventory tracking, and sales operations.

Built product catalogs, sales management, inventory, CRM, reporting, CMS updates, multi-currency transactions, email marketing, DNS, VPS deployment, and custom email server setup with iRedMail.

Education

Postgraduate Degree

2024 - 2024

Post Graduate Program in Artificial Intelligence and Machine Learning: Business Applications · The University of Texas at Austin

Bachelor of Science (B.Sc.)

2011 - 2017

Computer Science · University of Lagos

Technical strengths

Python	95%	Django	95%
Django REST Framework	92%	Backend Architecture	94%
API Development	94%	PostgreSQL	88%
MySQL	84%	Celery & Redis	86%
Django Channels & WebSockets	85%	Flutter & Dart	82%
Linux/VPS Deployment	90%	Prometheus & Grafana	78%
Solution Architecture	90%	Documentation	86%

AVAILABLE WORLDWIDE FROM LAGOS

Senior engineering for teams that need the software to work.