ANDREW B. ODHIAMBO

Backend Developer | Python · Django · DRF · PostgreSQL · Redis

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PROFILE

Backend-focused software developer trained through the ALX Software Engineering Programme (2022–2023), with hands on, production experience building and shipping Django/PostgreSQL platforms as a startup co-founder. Comfortable across the backend stack: REST API design with Django REST Framework, relational data modelling in PostgreSQL, background job processing, and third-party payment integrations (M-Pesa/Daraja). Looking to bring this practical, ship-it engineering experience into a junior backend developer role.

TECHNICAL SKILLS

- Languages: Python, JavaScript
- Backend: Django, Django REST Framework (DRF), REST API design
- Databases & Caching: PostgreSQL, Redis
- Async / Background Jobs: Django Q2
- Integrations: M-Pesa / Daraja API (STK Push, C2B callbacks)
- Infrastructure & Tools: Linux server administration, Nginx, Gunicorn, Git/GitHub, VPS deployment, Kubernetes, DevOps basics

PROJECTS

Founding Backend Engineer | Valtron — Motor Insurance Distribution Platform

Live production platform

- Designed and built the backend for a motor insurance distribution platform connecting licensed agents with underwriters across Kenya, using Django, Django REST Framework (DRF), and PostgreSQL.
- Built the REST API layer with Django REST Framework to power agent onboarding, quote aggregation, and policy management workflows.
- Used Redis for caching and session/task support to keep the platform responsive under real agent and underwriter traffic.
- Platform is live in production with active agents and underwriters onboarded.

EDUCATION

Software Engineering Programme | ALX

2022 – 2023

- Completed an intensive, project-based software engineering programme with a strong emphasis on peer learning, problem-solving, and building real, working software from the ground up.

CERTIFICATIONS & ACHIEVEMENTS

- 2nd Prize — Huawei ICT Competition 2024, Computing Track (Linux, Kubernetes, DevOps)
- Linux System Administration

SOFT SKILLS

Leadership, clear communication, team collaboration, and time management developed through leading a startup engineering team and coordinating cross-functional work.

LANGUAGES

- English
- Kiswahili