

Fordjour Asamoah Kelvin

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SUMMARY

Full-stack software engineer specializing in Django and Next.js, with hands-on experience shipping production systems end-to-end – from data models and REST APIs to payments, authentication, and deployment. Security-minded by default, with a strong eye for clean, polished UI. Increasingly focused on applying LLM/GenAI and RAG techniques to real-world products.

EDUCATION

Kwame Nkrumah University of Science and Technology (KNUST)

Kumasi, Ghana

Bachelor of Science in Information Technology

2022 – 2025

PROJECTS

AMP Direct | *Next.js, TypeScript, React, Django, DRF, PostgreSQL, Docker, Coolify, Paystack, JWT* 2026

- Designed and deployed a full-stack digital platform for an agency, combining a Next.js/TypeScript frontend with a Django REST API and PostgreSQL backend.
- Engineered core business systems including JWT authentication and role-based authorization, client/project management, quotes, invoices, payments, maintenance subscriptions, support tickets, and client dashboards.
- Integrated and productionized Paystack payments, implementing transaction initialization, webhook processing, payment settlement, subscription billing, and payment-state handling.
- Containerized and deployed the application using Docker and Coolify, configuring production environments, HTTPS/reverse-proxy infrastructure, and frontend/backend communication.

SKILLS & CERTIFICATIONS

Languages: Python, TypeScript, JavaScript, SQL

Frameworks: Django, Django REST Framework, Next.js, React

AI/ML: GenAI/LLM Application Development, RAG Pipelines, Prompt Engineering, Pandas, Data Visualization

Security: JWT Authentication, Role-Based Access Control, Secure Payment Integration, HTTPS/Reverse-Proxy Configuration

UI/Design: Responsive UI Design, Component-Based Architecture, Design Systems, Client Dashboards

Tools & Platforms: Docker, Coolify, PostgreSQL, Git, Paystack API