Abdulazeez Bello Sherif

Abuja, NG | +2349125805352 | thisisazeez0@gmail.com | github.com/thisisazeez

EDUCATION

Lincoln University   **Keffi, Nassarawa**
B.Sc. Software Engineering   *Graduation Date: Jul 2026*

WORK EXPERIENCE

Ecowas Biometric Identification System   **Remote**
Backend Engineer   *Mar 2025 - Sep 2025*

- Developed a role-based administrative portal that streamlined application processing workflows for more than 50 offices, enabling staff to modify stages dynamically and reducing processing errors by 30%, while maintaining comprehensive audit logs supporting compliance standards.
- Led the migration of the portal from Django to Laravel 12, integrating Inertia.js with React 19 and TypeScript, which reduced page load times by 40% and improved development efficiency by 30% utilizing Vite for rapid builds and TailwindCSS for streamlined styling.
- Engineered a comprehensive ECOWAS Card Application System featuring NIN verification via Raven Bank API, multi-step forms, payment tracking through Paystack, and OTP-enabled document uploads; increased application processing speed by 25% while supporting over 10,000 concurrent users monthly.

Corpad   **Kano, Nigeria**
Full-stack Engineer (Django)   *Feb 2024 - Aug 2024*

- Engineered a versatile loan system integrating credit structures akin to the American model, enabling over $2 million in transactions per month while maintaining compliance and scalability.
- Developed and launched a comprehensive rosca savings platform from MVP to initial market release, facilitating over 10,000 active users within the first three months and increasing user engagement by 45%.
- Optimized platform performance and responsiveness for mobile devices using HTMX, Alpine.js, Tailwind CSS, and caching strategies, resulting in a 60% reduction in load times and delivering seamless PWA experiences to an expanding user base.

EasySwap Nigeria   **Remote**
Backend Engineer   *Oct 2025 - Present*

- Engineered a Secure User Authentication & KYC System - Designed and implemented a comprehensive user authentication system in Django featuring device fingerprinting, trusted device management with rolling expiration, two-factor authentication (TOTP-based with QR code generation), and multi-tiered KYC verification (Tier 0-3) integrated with Dojah API for BVN/NIN verification; implemented email/SMS OTP verification via Twilio Verify, JWT token-based sessions with HTTP-only cookies, and account security features including login history auditing and password reset flows.
- Built a Multi-Chain Crypto Wallet Infrastructure with Sub-Account Architecture - Developed a production-ready cryptocurrency wallet system supporting Bitcoin, Ethereum, BSC, Tron, and Polygon networks; integrated Quidax API with sub-account architecture enabling isolated user wallets, asynchronous address generation via webhooks, real-time balance synchronization, secure withdrawals with PIN verification, and comprehensive transaction ledgering using Django GenericForeignKey for extensibility to future wallet types.
- Implemented Production-Grade Backend Infrastructure with DevOps Automation - Built a scalable Django REST API with CI/CD pipeline (GitHub Actions), Dockerized deployment with Gunicorn, Celery task queue for async operations, Redis caching, PostgreSQL with optimized indexes, Cloudflare R2 for media storage, comprehensive API documentation (OpenAPI/Swagger), and security features including HMAC-based webhook signature verification, rate limiting, and pre-commit hooks for code quality enforcement

SKILLS:

Languages: Python, JavaScript, TypeScript

Frameworks: Django, Django REST Framework, Laravel, React, HTMX, Alpine.js

Databases: PostgreSQL, Redis, MongoDB

DevOps & Infra : Docker, GitHub Actions, Gunicorn, Celery, Cloudflare R2

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