

Stephen Ekundayo

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EDUCATION

Federal University of Technology, Minna
Bachelor of Engineering in Mechatronics Engineering

Niger State, Nigeria
Aug. 2017 – Jan 2024

EXPERIENCE

Fullstack Engineer

Apr. 2026 – Present

Tradepal AI

Remote

- Built an AML screening engine that verifies crypto wallets against sanctions and risk data before transactions are permitted, flagging high-risk addresses at onboarding and transfer time
- Lead blockchain integration work across the platform, owning smart contract interfaces and on-chain data flows — Solidity, Ethers.js, Hardhat
- Maintain all business-critical backend services, covering deployments, monitoring, and incident response — NestJS, Redis, PostgreSQL

Freelance — Fullstack Engineer

March 2025 – Apr. 2026

Dahcrown Technologies

Remote

- Built a decentralised file storage solution allowing users to upload, track, and verify files via EVM wallets, with storage linked to token balances. Using Next.js, Pinata IPFS, MongoDB, ethers.js
- Built backend and Web3 infrastructure for property tokenisation and valuation. Integrated custodian wallet system to improve user onboarding and streamline real-estate purchases. Ethers.js, Solidity
- Developed and tested Escrow-based smart contract mechanism for credit fintech product. Solidity, hardhat, Remix, Vite
- Built and deployed a telegram-based social system for a cryptocurrency token holders. Telegram Bot API, Next.js, NestJS, REST

Fullstack Web3 Developer

June 2024 – March 2025

TapTrader

Remote

- Built scalable Nest.js backend with real-time trade execution and wallet integrations.
- Developed a Telegram-based crypto trading bot supporting Solana, Ethereum, Base, and TON blockchains, integrating DEXs such as Uniswap and Raydium.
- Implemented secure smart contract integrations for multi-chain token swaps, handling 1,000+ transactions in test environments.
- Built job scheduling system for transaction verification with Redis, BullMQ

Fullstack Developer

Nov. 2024 – Feb. 2025

ExamcompassNG

Remote

- Collaborated with the development team to build and integrate the frontend to the existing backend infrastructure. Features integrated include authentication, authorisation, dashboard and session management — Vite, Typescript

Fullstack Engineer

Feb 2022 – March 2023

Motiv8 Technologies

Minna, Niger

- Migrated the company website from WP to fully custom HTML/CSS/JS
- Developed Android-based medical application model — Android Studio, Kotlin
- Built an application for automating professional exams and verifying plagiarism — Python, Django, Sci-kit

PROJECTS

PDF Retrieval Augmented Generation | *Typescript, VertexAI, Langchain*

October 2025

- Created an AI-powered document indexing and retrieval tool

Fake Voice: Text to Speech | *Typescript, Langchain, Next.js, Elevenlabs*

October 2025

- Built a user interface that enables the automation and download of voice-over scripts via Elevenlabs.

CERTIFICATIONS

Quickstart: LangGraph Essentials - Typescript — LangChain	October 2025
Project: Deep Research with LangGraph — LangChain	October 2025
Getting Started with DevOps AWS — AWS	October 2025

TECHNICAL SKILLS

Languages: Typescript, Python, JavaScript, HTML/CSS, Solidity
Frameworks: React, Node.js, Flask, NestJs, Next.js, Express, Hono
Tools: Git, Docker, Jest, Vitest, Prisma, Drizzle, MongoDB, PostgreSQL, Langchain, Langsmith, Redis
Web3 & Compliance: Solidity, Ethers.js, Hardhat, AML/KYC screening, wallet risk verification, smart contract escrow, DEX integrations