

Lawal Job

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Full-Stack Software Engineer, Blockchain Engineer, and AI Engineer with experience building modern web applications, decentralized platforms, and intelligent software systems. Skilled in designing scalable architectures, developing smart contracts, integrating AI solutions, and delivering production-ready applications with strong performance, security, and user experience.

INDEPENDENT RESEARCH & SYSTEMS PROJECTS

- Built full-stack, blockchain, and AI-powered applications using modern web and cloud technologies
- Developed smart contract-based blockchain systems with wallet integrations, transactions, and real-time on-chain features
- Created AI-driven products with automation, intelligent workflows, and API integrations
- Designed scalable backend systems, APIs, authentication, and database architectures
- Built developer tools and automated workflows to improve engineering productivity
- Developed responsive frontend applications with dashboards and interactive UI
- Worked on architectures combining blockchain, AI, and distributed systems
- Impact: Delivered scalable production-grade systems across full-stack, blockchain, and AI engineering

Impact: Delivered production-grade software systems across full-stack engineering, AI infrastructure, and blockchain ecosystems with emphasis on scalability, performance, and product quality

WORK EXPERIENCES

Blockchain Developer, VideoTokens

Remote (Global) — March 2025 till Date

- Developed and integrated Solana-based trading and token launch features for a decentralized trading platform (meme coin launch / on-chain trading system) similar to Pump.fun-style ecosystems
- Built smart contract interaction flows using Solana programs, including token minting, bonding curve interactions, and program-derived account (PDA) based state management
- Implemented end-to-end transaction pipelines using @solana/web3.js, handling token creation, swaps, and real-time on-chain execution with wallet adapters (Phantom / Solflare)
- Integrated wallet authentication and transaction signing into a React/Next.js frontend using Solana Wallet Adapter for seamless user onboarding and trading experience

Impact: Delivered production-grade Solana trading infrastructure enabling real-time token creation, trading, and wallet-based interaction in a high-throughput decentralized application environment

Full Stack Developer, Finora

Remote (Global) — January 2025 till Date

- Built and developed Finora, a trading analytics platform that allows analysts to monetize their market insights across crypto, forex, stocks, indices, and commodities.
- Developed the frontend using Next.js and built backend services with NestJS, including a trade engine to evaluate analyst predictions as successful or failed based on market outcomes.
- Integrated Stripe for subscription and payment processing, enabling monetization of analyst content and user access to premium features.

- Designed scalable full-stack architecture to support real-time analysis tracking, user subscriptions, and multi-market data processing.

Impact: Built a monetized trading analytics platform enabling analysts to publish insights and track prediction accuracy across multiple financial markets.

Blockchain Engineer, ZenStreet

Abuja, Nigeria (Global) — January 2023 – December 2024

- Built and maintained blockchain systems for ZenStreet, a Telegram-based crypto gaming platform.
- Developed smart contract integrations and on-chain game mechanics supporting in-game rewards, transactions, and token interactions.
- Worked on backend and blockchain infrastructure to enable secure, scalable gameplay and real-time user interactions within the crypto gaming ecosystem.

Impact: Delivered reliable blockchain systems powering Telegram-based crypto games and on-chain user engagement.

Backend Engineer / AI Engineer, PayLedger

Remote(Global) — November 2022 – April 2024

- Built backend systems and APIs for PayLedger, a fintech platform enabling cross-border payments between crypto and local currencies (e.g. naira) using an in-house payment gateway.
- Developed core payment infrastructure for transaction processing, wallet operations, and crypto-to-fiat settlement, with AI features for monitoring and fraud detection.

Impact: Delivered a scalable payment system enabling secure cross-border crypto-to-fiat transactions.

TECHNICAL SKILLS & SYSTEMS EXPERTISE

- **Programming Languages:** Rust, TypeScript, Golang, Python, Solidity, JavaScript
- **Backend and Systems Engineering:** Real-time data pipelines, event-driven architectures, low-latency systems, streaming systems, distributed systems, system design, backend services, microservices
- **API and Data Systems:** REST APIs, JSON-RPC, API design, data ingestion, data processing, and scalable pipeline architecture
- **Blockchain & Web3:** Solana, Ethereum, Sui, Layer 2 ecosystems; smart contract development, on-chain data systems, execution-layer integrations, wallet infrastructure, cross-chain applications, blockchain data parsing
- **AI & Intelligent Systems:** AI-powered applications, LLM integrations, automation systems, intelligent workflows, agent-based systems, API-driven AI products, real-time AI processing pipelines
- **Trading & Market Systems:** Prediction markets, mispricing detection systems, automated execution systems, market microstructure, liquidity modeling, on-chain trading systems
- **Documentation and DevRel:** Diátaxis, Docusaurus, GitBook, Mintlify, Swagger, Postman, Redocly, API documentation, SDK design, developer onboarding systems
- **Infrastructure and DevOps:** Docker, AWS, GCP, GitHub Actions, CI/CD pipelines, GitOps workflows, monitoring and observability

EDUCATION

Dapp University (2024)

Blockchain Development (Diploma)

Focused on corporate finance, financial modeling, and market analysis

Federal University of Technology Minna, Nigeria (2021 - 2026)

Telecommunication Engineering (Bachelor in Engineering)

Focused on Engineering, Signals, Software and use of AI in automation

Coursera Full Stack Web Course (2022)

Full Stack Development (Diploma)

Focused on Web technologies, frontend architecture and backend architecture.

WHAT I AM LOOKING FOR

I am seeking roles as a Software Engineer, with a focus on Full-Stack Development, Blockchain Engineering, and AI Systems.

I am particularly interested in teams building scalable products across Web3, fintech, and AI, where strong system design, performance, and user experience are critical to product success and adoption.