

Francis Igbiriki

Software Engineer and Founder

francis.igbiriki@gmail.com
<https://linkedin.com/in/thelazydo>
+234 8137 045 484

Software Engineer and Founder with 7 years' experience architecting scalable Fintech and Web3 solutions for 500k+ users. Combines Mechanical Engineering fundamentals with MBA strategic insights to drive innovation and modernize legacy infrastructure for global teams.

Work Experience

Senior Software Engineer

Mar 2025 - Feb 2026

[Lingawa](#) | New York

- Engineered system-wide optimizations reducing API response times by 89% and server resource usage by 50% through advanced query aggregation, Redis caching, and dependency injection refactoring.
- Architected and delivered a gamified onboarding experience integrating Stripe and Google/Apple OAuth, directly resulting in an 18% visitor conversion rate.
- Integrated Mixpanel and Zoho telemetry to drive data-backed UI redesigns, specifically targeting and resolving high user drop-off points in the lesson booking flow

Technical Lead

Dec 2022 - Mar 2025

[NPC Labs](#) | New Jersey

- Secured a partnership to patent proprietary NFC technology, resolving logistics for "phygital" asset products.
- Migrated infrastructure to Layer-2 (Base, Polygon) and built failover systems to maintain 99% uptime, effectively mitigating churn from high gas fees.
- Designed a hybrid on-chain/off-chain system to enable advanced administrative controls and multi-chain interoperability.
- Orchestrated the core MVP that secured \$250k in initial funding with CI/CD pipelines (GitHub Actions, Docker) and monitoring (Sentry, PostHog) to establish a stable engineering base.

Software Engineer

Apr 2023 - Oct 2024

[Kunda Box](#) | Washington

- Architected a custom Ethereum-Classic local testnet and containerized it via Docker. This enabled gas-free local testing, drastically reducing development costs.
- Optimized high-volume media rendering by implementing server-side image processing (Sharp/FFmpeg) for adaptive image generation, significantly improving page load speeds.
- Wrote automated tests covering 80% of all user interaction points, which accelerated feature launches by 35%.
- Revitalized a legacy Node.js/MongoDB backend by refactoring complex "callback hell" into modern Async/Await patterns and establishing a rigorous CI/CD testing suite (265+ coverage points).

Software Engineer

Apr 2022 - Dec 2022

[VeendHQ](#) | Lagos

- Engineered a fully automated credit decisioning pipeline by integrating real-time identity verification and credit scoring, effectively eliminating manual underwriting processes.
- Architected a campaign automation engine (using Termii & Kue) that optimized resource usage, reducing user operational costs by ~90% and increasing platform accessibility for smaller merchants.
- Led the implementation of insurance into a multi-tenant lending system, improving debt securities and increasing the lending pool by 60%.

Backend Engineer

Jul 2021 - Apr 2022

[Akaani](#) | *New York*

- Spearheaded the design and implementation of the server application using Node.js, integrating AI-driven meal recommendations (Lu Service) to personalize user experiences based on dietary preferences and trends.
- Engineered comprehensive testing suite using Mocha, Jest, and Supertest, and automation scripts to generate base code and test cases for new resources, simplifying engineer onboarding and accelerating project timelines.

Frontend Developer

Jan 2021 - Jul 2021

[Vomoz Communications](#) | *Colombia*

- Directed the frontend architectural strategy, selecting a component-driven design system that accelerated product delivery by 50%.
- Led a full website redesign based on customer segmentation research, which directly increased website leads by 200% and user retention by 150%.
- Engineered advanced state management with Redux and a proactive error-handling layer to mask legacy system instability, ensuring a seamless user experience.

Core Skills

Languages: C/C++, C#, Rust, Go, TypeScript, JavaScript, Python, Solidity, Lua

Frameworks & Libraries: Tokio, Next.js, Flutter, Gin, React, FastAPI, React Native, Nest.js

Databases: PostgreSQL, MongoDB, MySQL, Redis, Neo4j, SQLite

Concepts: System Design, Quality & Process, Data Management (DBMS & DSA), Design & Architecture, Logic & Efficiency

Education

Miva Open University

Sep 2025 - Present

Masters Business Administration

Minor: Managing Disruptive Innovation, Digital Business Transformation, Supply Chain Management, Organizational Behaviour & Leadership

Niger Delta University

Dec 2015 - Jul 2021

Bachelor of Science Mechanical Engineering

Minor: Numerical Methods & Computational Logic, Control Systems Engineering, Engineering Statistics, Industrial Management

Awards

2nd Runner Up: NDDC Hackathon

Nov 2019

NDDC