

# ELIJAH AMODU

Software Engineer

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## PROFESSIONAL SUMMARY

Frontend-focused engineer with hands-on experience building and scaling crypto/Web3 and fintech products. Skilled in modern web technologies, smart contract interaction, backend integration, and shipping customer-facing applications. Strong contributor in fast-paced environments, collaborating across teams to deliver functional, scalable, and secure solutions.

## WORK EXPERIENCE

### Software Engineer — Tahlee (Remote)

Sep 2025 – Present

- Built end-to-end authentication with email/password, session management, and OAuth (Google Sign-In)
- Engineered a real-time notification and data sync system using Supabase, keeping collaborators updated on playlist changes and song timestamps
- Built audio upload and asset management features enabling artists to organise and manage music releases within the platform
- Developed the external marketing website focused on brand presence and product information

Tech Stack: Next.js, Supabase, Zustand, Redis

### Mobile Engineer — Aara

Apr 2025 – Jan 2026

- Built the core user profile and health data display system from scratch using React Native and Expo
- Integrated backend APIs to enable seamless synchronisation of workout metrics and wellness data across sessions
- Implemented Sign In with Apple and Google OAuth, including identity token verification with the Python backend

Tech Stack: React Native, Expo, Zustand, TypeScript

### Frontend Engineer — Onion Finance

Apr 2023 – 2024

- Built the user account and information display system, surfacing financial data clearly across the app
- Implemented real-time data synchronisation between the frontend and backend financial services
- Developed the external marketing website to communicate product value and drive user acquisition

Tech Stack: React, Next.js, Zustand

### Frontend Engineer — Hypermarket

Jun 2021 – Mar 2023

- Implemented wallet abstraction enabling email-based sign-in with automatic on-chain wallet address creation per user
- Built a custom interactive trading chart for real-time market data visualisation and improved usability
- Engineered the full market trading interface — order placement, management, and live position tracking
- Integrated Google Analytics to capture key user interactions and support data-driven retention strategies

Tech Stack: EthersJS, Wagmi, Next.js, Zustand

### Frontend Engineer — Onah Payment

Jan 2019 – Oct 2020

- Built a scalable system of branded email templates used across all customer transactional communications
- Integrated backend payment services into the user-facing information platform, reducing data display latency

Tech Stack: React, Redux

## PROJECTS

### Uni World

Interactive web game that activates during website downtime, keeping users engaged with playful interactions instead of hitting a dead end.

JavaScript, p5.js

### Video Converter

Browser-based video conversion tool — users upload a video, select a target format, and download the result with no server uploads required.

Ffmpeg, Next.js, Zustand

### 2dMoon

Wallet connect demo enabling users to connect their Ethereum wallet, view balances, and interact with smart contracts through a minimal UI.

Next.js, RainbowKit, EthersJS, TypeScript

## TECHNOLOGY EXPERIENCE

Javascript | Typescript | ReactJS | NextJS | React Native | TailwindCSS | Redux | CSS | Zustand | NodeJS | Git | Github | p5JS | EthersJS | Wagmi | Supabase | Expo | React Query | RainbowKit | Firebase

## EDUCATION

B.Sc Computer Science — University of Nigeria, Nsukka (UNN)