

Ehidiamhen Aigbiluese

Founding Software Engineer

Nigeria | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Full-stack engineer building financial and product infrastructure. Currently launching UltraPay's transaction backbone and payment systems.

EXPERIENCE

Founding Software Engineer UltraPay	May 2026 — Present <i>Remote</i>
Building the card and wallet activity backbone for UltraPay's private beta. Launched a ledger-consistent mobile transaction experience that processed \$200K in its first 30 days. Shipped a KYC onboarding system achieving 81% approval rates using server-derived identity data and XState/webhook reconciliation. Built merchant intelligence that resolves raw issuer descriptors into context-scoped aliases and logos.	
Software Engineer Tick	Dec 2025 — Apr 2026 <i>Remote</i>
Engineered a full-stack URL intelligence platform for privacy and security. Built a high-performance tracking-rule engine in Node.js handling 2,000 rules to sanitize URLs and eliminate tracking parameters. Developed a secure redirect chain resolver handling up to 10 hops with loop detection, achieving ~500ms per-hop resolution.	
Software Engineer Intern The Insync	Jan 2025 — Dec 2025 <i>Remote</i>
Optimized performance and built features for a mental wellness startup. Reduced API call volume by 70% through debounced search on the home screen. Built a personalized AI assistant for self-reflection. Integrated multiple REST APIs using RTK Query to power mood-tracking, therapist availability, and chat interactions.	
Frontend Developer Intern Cakkie Foods Ltd.	Nov 2024 — Jan 2025 <i>Remote</i>
Developed frontend features for a cake enthusiast platform. Built an in-house video sharing platform (Cakespiration) similar to Instagram Reels using React.js and TailwindCSS, increasing user conversion by 15%. Contributed to a Telegram mini-app version of the mobile app to expand product reach.	
Frontend Engineer HNG Tech	Oct 2022 — Dec 2022 <i>Nigeria</i>
Worked together with a team of Backend Engineers and UI/UX Designers to build a user friendly, problem solving and scalable product	

EDUCATION

Nile University of Nigeria <i>Bachelor's degree in Computer Science</i>	Oct 2024 — Jul 2028
CGPA: 4.97/5.00. Valedictorian (best graduating student), Class of 2024. Scored in top 0.4% on nationwide university matriculation exam. Won 6 awards including best in Mathematics and Computer Science.	
Model Secondary School, Abuja <i>High School Diploma</i>	Nov 2021 — Jul 2024
• Best graduating student, Class of 2024 • Won 6 awards including best in Mathematics and Computer Science	

PROJECTS

Question-sharing web application for academic collaboration, QApp
Full-stack question-sharing platform built with Next.js, Cloudflare R2, and PostgreSQL. Deployed to production and used by 100+ university students for collaborative learning. Utilized Cloudflare R2 for object storage and Next.js API Routes for fast backend responses.
Certificate creation and sharing tool, Certgo
Custom certificate maker built with React.js and SCSS allowing users to create, customize, share, and download certificates. Focused on clean UI and smooth user experience for certificate generation.

SKILLS

Cloudflare R2 · Webhooks · Full-Stack Development · Systems Design · Node.js · Data Structures · PostgreSQL · SQL · TypeScript · Next.js · Git · Engineering · Software Testing · Express.js · Supabase · Zod · Monorepo · React Native · Redux.js · NativeBase · Front-End Development · JavaScript · Web Development · React.js · C · Python · HTML · CSS · Expo · TailwindCSS · SCSS · Vercel · Linear
