

# Enoch Olayode

Senior Full-Stack Software Engineer

Ibadan, Nigeria

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## PROFESSIONAL SUMMARY

Results-driven Senior Full-Stack Software Engineer with 8+ years of professional experience architecting and delivering secure, scalable websites and cross-border financial infrastructure for clients across Africa and the United States. Hands-on experience spans multi-currency payment processing, stablecoin on/off-ramping, and multi-gateway integrations (Paystack, Flutterwave, Korapay, Remita, NowPayments), with a strong focus on fraud prevention, compliance-aware system design, and high-availability transaction platforms. I have led end-to-end software delivery, from system design and backend API architecture to cloud deployment and team coordination; serving 200,000+ end users across active production systems.

My expertise spans PHP/Laravel enterprise systems, React/TypeScript SPAs, RESTful API design, real-time WebSocket applications, business automation, and Solana blockchain/stablecoin (USDC) integrations for national and international fund transfer use cases. I hold a First Class B.Sc. in Computer Science (4.52/5.0 CGPA, Best Graduating Student) and conduct active research in multilingual NLP for African languages.

## CORE TECHNICAL SKILLS

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Backend          | PHP · Laravel · Node.js · Express.js · Python · RESTful APIs · GraphQL · WebSockets                                                     |
| Payments         | Korapay · Peach Payments · Flutterwave · PayStack · Remita · Squad · Monnify · Yellow Card                                              |
| Compliance / KYC | Smile Identity KYC · Identity Verification · Compliance-Aware Audit Logging · Role-Based Access Control                                 |
| Blockchain       | Solana · Anchor Framework · PWA / dApp Store · Quidax API · NowPayments API                                                             |
| DevOps / Cloud   | Docker · Git · GitHub Actions · AWS · Azure · GCP · Cloudflare · Vercel · Railway · cPanel                                              |
| Databases        | MySQL · MariaDB · PostgreSQL · MongoDB Atlas · Supabase (RLS, Auth, Edge Functions)                                                     |
| Frontend         | React · TypeScript · Vue.js · Alpine.js · Livewire · HTML5 · CSS3 · Tailwind CSS · Bootstrap · Figma                                    |
| AI / Research    | Multilingual NLP · Yoruba Speech Processing · Voice Cloning · Claude API · OpenAI · GitHub Copilot · SUMO · Deep Reinforcement Learning |
| CMS / Other      | WordPress · WPBakery · Elementor · GiveWP · WooCommerce · Flutter · SEO · PWA                                                           |

## PROFESSIONAL EXPERIENCE

Founder & Lead Software Engineer · Knopee Digital Services Ltd

June 2019 – Present

- Scaled a Nigerian digital agency delivering web development, software engineering, and AI-integrated solutions to clients across Nigeria, Mauritius, and the United States.
- Architect and lead engineer on 20+ production systems spanning SaaS, fintech, NGO platforms, church management systems, and crypto applications.

- ▶ Managed full SDLC: requirement gathering, system architecture, development, QA, deployment, and post-launch support.
- ▶ Integrated multiple payment gateways (Korapay, Peach Payments, Flutterwave, Paystack, Squad, Monnify) and crypto/stablecoin rails, handling multi-currency transaction processing, DocuSign e-signature, and third-party API workflows across client platforms.
- ▶ Built compliance-aware, high-trust systems for fintech and marketplace clients, including Smile Identity KYC/identity verification, audit logging, and role-based access control to meet regulatory and due-diligence requirements.
- ▶ Led NBC Arise Congress 2025 web infrastructure serving 20,883 registrations with 14,000+ concurrent active users with zero downtime during peak load.

#### **Lead Technology Partner** · Nigerian Baptist Convention (NBC)

*August 2020 – Present*

- ▶ Built and maintain the NBC Pension RBS Management System - a multi-module PHP/MariaDB system handling member records, contribution tracking, death benefits, terminal salary calculations, and compliance reports.
- ▶ Designed and deployed a read-only REST API for NBC's conference/association/church hierarchy, integrated with Cloudflare bot protection and consumed by cross-platform clients.
- ▶ Built the NBC CiS Registration Portal (registration.nigerianbaptist.org) handling nationwide delegate registration workflows.
- ▶ Developed a WebSocket-powered real-time round-robin quiz application for the Christian Education Department using Laravel Reverb, Alpine.js, and Livewire with projector display views and tablet participant interfaces.
- ▶ Built the NBC Youth Congress (nbcyc.org) and Lost & Found management system for Arise Congress 2025.

#### **Blockchain Engineer – SolaNaira** · Knopee Digital Services Ltd

*December 2025 – May 2026*

- ▶ Architecting SolaNaira - a full-stack Solana dApp PWA enabling P2P stablecoin transfers, NGN↔USDC conversions, and NGN off-ramping to Nigerian bank accounts via Yellow Card API, in support of a broader remittance and digital-asset platform.
- ▶ Built with React PWA frontend and Node.js/Express backend, targeting Solana Mobile dApp Store distribution.
- ▶ Resolved complex dependency conflicts between @solana-mobile/wallet-adapter-mobile and React 18 ecosystem packages.

#### **Lead Engineer – Smart Company Secretary** · Smart Joe (Mauritius)

*September – December 2025*

- ▶ Architecting a corporate compliance SaaS (smartjoe.mu) for the Mauritius market using React/TypeScript and Supabase (PostgreSQL + RLS).
- ▶ Implemented 55 document templates with automated PDF/DOCX generation (jsPDF, docx library), statutory registers, and compliance milestone tracking.
- ▶ Integrated DocuSign e-signature workflows and Peach Payments subscription billing with seat-based access control.
- ▶ Engineered team management with Supabase Row-Level Security policies, resolving recursion issues and auth race conditions at scale.

#### **Full-Stack Engineer – EarnersPay** · E-Commerce

*July 2024 – December 2025*

- ▶ Revamped and maintain EarnersPay (earnerspays.com) an affiliate marketing and digital earnings platform.
- ▶ Engineered advanced fraud prevention: pattern-based email/phone/name detection, CSRF hardening, reCAPTCHA integration, and a real-time analytics fraud dashboard.
- ▶ Optimized database query performance, reducing dashboard DB queries from 19 to 3 through strategic JOIN refactoring and caching.
- ▶ Implemented automated withdrawal cancellation via CRON jobs and secure Korapay payment gateway integration.

- ▶ Collaborated with the directorate to organize and train university staff on the implementation and effective use of the new Learning Management System (LMS) platform.
- ▶ Contributed to the development of the Computer Science academic curriculum, enhancing its structure and content.

## PROJECTS AND LIVE SYSTEMS

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|                              |                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>NBC RBS System</b>        | Pension & retirement benefit management system – PHP/MariaDB, 6,000+ member records – processed over 10 billion Naira |
| <b>Arise Congress Portal</b> | National convention platform - 20,883 registrations, 14,000+ active users, PWA                                        |
| <b>Smart Joe</b>             | Corporate compliance SaaS for Mauritius – React/TypeScript, Supabase, 55 doc templates                                |
| <b>AI Finder Africa</b>      | AI tools discovery platform for African professionals and developers                                                  |
| <b>NBC CiS Registration</b>  | Nationwide delegate registration portal for the Nigerian Baptist Convention                                           |
| <b>EarnersPay</b>            | Affiliate earnings platform - fraud prevention, Korapay integration, analytics                                        |
| <b>Selliith</b>              | E-commerce marketplace (Digital Products) – Laravel/MySQL, product management, payment checkout                       |
| <b>Ariseforimpact</b>        | Full nonprofit digital platform – CMS, event management, donation workflows                                           |

## EDUCATION

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### **B.Sc. Computer Science — First Class Honours**

*2018 – 2023*

Adekunle Ajasin University, Akungba Akoko

- ▶ CGPA: 4.52 / 5.0 · Best Graduating Student of the Department
- ▶ Microsoft Learn Student Ambassador (2021–2023)
- ▶ Google Developer Student Clubs Lead (2020–2021)
- ▶ Barter by Flutterwave Student Ambassador (2020–2021)
- ▶ Major League Hacking (MLH) Organizer (2020–2023)

### **Diploma in Computer Science** · The Ibarapa Polytechnic, Eruwa

*2015 – 2017*

- ▶ CGPA: 3.74 / 5.0
- ▶ Foundation in computer programming and systems analysis
- ▶ Developed and deployed a voucher-based electronic result checker for the department

## RESEARCH

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- ▶ Published: "Voice-Based Electronic Results System for Physically Challenged Students" – NIPES Journal of Science and Technology Research (peer-reviewed).