DIWE INNOCENT ESOMCHI

FLUTTER ENGINEER · MOBILE ARCHITECT · OPEN-SOURCE AUTHOR

diweesomchi@gmail.com · +234 706 888 4102 · github.com/mhista · linkedin.com/in/diwe-innocent
pub.dev/publishers/innocentdiwe.qzz.io · Port Harcourt, Nigeria

Flutter engineer and mobile architect with experience building production apps across fintech, social commerce, healthcare, and edtech. Focused on mobile architecture, state management, design systems, offline-first data, and platform integrations. Published author of two Flutter packages on pub.dev, translating complex product requirements into maintainable Flutter solutions.

EXPERIENCE

Flutter Technical Lead & Mobile Architect | 2024 – Jun 2026

GRASCOPE TECHNOLOGY · PORT HARCOURT, NIGERIA

Led Flutter mobile development across Grascope's consumer product suite. Sole author of the Merkado Flutter SDK, a shared package supporting cross-product features including unified wallet, SSO identity, trust system, design system, and KYC. Authored product and system documentation, including PRDs, SRS, and architecture proposals.

Independent Flutter Engineer & Web Consultant | 2023 – Present

FREELANCE · REMOTE

Design and deliver Flutter and web projects for clients across legal, education, healthcare, e-commerce, fintech, and nonprofit sectors, with a focus on performance, SEO, and accessible interfaces.

- Delivered the AACI website and CMS (aaci.ngo) for All Against Cancer Initiative, a pan-African cancer advocacy NGO active across Nigeria, Ghana, and Kenya.
- Built Kolaa (kolaa.co), an AI operating-intelligence platform for small businesses, including its Jaspr landing page, Flutter client, and contributions to the Serverpod/Supabase backend.

Tech Lead, Port Harcourt Chapter | Dec 2024 – Nov 2025

SUPERTEAM NIGERIA · SOLANA ECOSYSTEM · PORT HARCOURT, NIGERIA

Organised technical initiatives to grow the regional Web3 developer community and connected local builders to the wider Solana ecosystem.

- Designed and built the Merkado Flutter SDK for shared wallet, SSO, cross-product trust scoring, design system, and recommendation feeds across Driply, MyCut, ItsYourDay, and other products.
- Rewrote Driply's Flutter app for iOS and Android using Bloc, HLS adaptive video, Firebase Realtime Database live sessions, Paystack/Fincra payments, and Metamap KYC.
- Authored the Flutter mobile apps for MyCut (deals platform) and ItsYourDay (event planning), alongside PRDs, SRS, and architecture research documents.
- Built PSKY Business School's AI-powered WAEC/JAMB/NECO exam-prep platform with Flutter and Flutter Web; reported 300% increase in engagement.
- Built Medici, a healthcare app with Gemini AI assistant, Agora voice/video, maps, doctor booking, and Paystack payments.
- Delivered a Next.js website for Turuchi Law Firm; reported 150% increase in client inquiries after launch.
- Audited Endowe's website, resolved seven vulnerabilities, and rebuilt its site using Jaspr with structured data, CSP headers, and an investment calculator.
- Built Picki, an e-commerce Flutter app, and Tros, a waste-management app with reward-based recycling and Firebase sync.
- Ran workshops, developer meetups, and onboarding sessions; coordinated local participation in Solana hackathons and mentored developers entering Web3.

ICT Trainer | Sep 2023 – Dec 2023

EXCELSIOR ROYAL SCHOOLS · IMO STATE

Trained students in foundational programming and AI concepts, introducing programming logic, problem-solving, and beginner-friendly AI tools.

Software Developer Intern | Jan 2021 – Jul 2021

APTECH COMPUTER INSTITUTE · NIGERIA

- Built, deployed, and maintained web and mobile applications with senior developers.
- Monitored server health, maintained client websites, and supported incoming interns in web and mobile development.

SELECTED PROJECTS

Merkado Flutter SDK | 2025

MOBILE ARCHITECTURE · PROPRIETARY

Shared Flutter SDK with design system, SSO authentication, unified wallet UI, trust badges, notification centre, recommendation feeds, and Metamap KYC flows. Flutter · Bloc · Hive · Firebase · Paystack.

Driply | 2025

SOCIAL COMMERCE · FLUTTER MOBILE

Rebuilt the mobile app for African fashion social commerce, including Bloc architecture, HLS video feed, collaborative closet sessions with Firebase sync, creator marketplace, Paystack/Fincra checkout, and Metamap KYC.

MyCut & ItsYourDay | 2025

FLUTTER MOBILE APPS

Deals platform and event-coordination app built with Flutter and the Merkado SDK, sharing wallet, identity, and cross-product intelligence features.

PSKY Business School | 2024

EDTECH · FLUTTER + FLUTTER WEB

AI-assisted exam preparation for WAEC, JAMB, and NECO with personalised answer feedback, adaptive question sets, and performance tracking. Reported 300% engagement increase. pskybusinessschool.com.

OfflinePay Nigeria | 2026

FINTECH · SERVERPOD + FLUTTER

Product based on published offline-payments research, adapted for a full-Dart stack. Flutter app, Dart protocol implementation, modified Serverpod architecture, Ed25519 signing, AES-256-GCM QR/NFC transport, and AI fraud scoring.

Kolaa | 2026

AI BUSINESS OPERATIONS · JASPR + FLUTTER + SERVERPOD

AI operating-intelligence layer for small businesses that uses business data to support WhatsApp/Telegram customer conversations and surface operational changes. Built the Jaspr landing page and Flutter client and contributed to the Serverpod backend and Supabase auth layer. kolaa.co.

AACI Website & CMS | 2026

NONPROFIT · NEXT.JS + REACT

Built a responsive website and CMS for All Against Cancer Initiative, supporting programme, impact, leadership, and chapter-network content. Structured CMS lets non-technical staff publish updates. Next.js · React · TypeScript · Tailwind CSS · Sanity CMS · Vercel · aaci.ngo.

Asami | 2025

AI COMMERCE · FLUTTER + WHATSAPP

AI-powered conversational commerce for Nigerian SMEs, with a vendor app, AI image cataloguing, natural-language WhatsApp/Telegram shopping, Pidgin support, fiat/crypto checkout, and a Jaspr landing page. Awaiting deployment.

TECHNICAL SKILLS

Mobile: Flutter 3.x (iOS, Android, Web), Dart, Bloc/Cubit, Riverpod, GetX, Hive, Drift, Firebase Auth/Realtime Database/FCM, flutter_secure_storage, Dio, Jaspr (Dart SSR), common_utils2, common_designs.

Backend & Web: Serverpod 3.1, Next.js, React, TypeScript, Tailwind CSS, shadcn/ui, Node.js, REST APIs, PostgreSQL, Redis, AWS (EC2, S3, Lambda), Docker, GitHub Actions CI/CD.

Specialisations: Mobile architecture and SDK design, HLS video streaming, Paystack/Fincra payments, Metamap KYC, Ed25519/AES-GCM cryptography, NFC/Android HCE, AI integration (Anthropic, OpenAI, Gemini), Solana/Web3, SEO and JSON-LD.

OPEN-SOURCE PACKAGES

common_utils2 | v3.0.1 · MIT

PUB.DEV/PACKAGES/COMMON_UTILS2

Flutter utilities package with 24+ utilities covering video preloading, notification centre, concurrent downloads, multi-engine storage, Dio token management, connectivity/GPS/geofencing, Nigerian banking and BVN/NIN validation, and responsive layout helpers. 388 downloads stated in source CV.

common_designs | v1.1.6 · MIT

PUB.DEV/PACKAGES/COMMON_DESIGNS

Flutter design system with 60+ animated components including transitions, list animations, skeleton loaders, pull-to-refresh, swipe-to-delete, shared-element transitions, onboarding carousels, modals, and light/dark colour schemes.

EDUCATION & ADDITIONAL

Education: B.Tech, Agriculture — Federal University of Technology, Owerri.

Leadership & Volunteering: SDG Vice President, led youth-driven sustainability and community-impact programmes in Port Harcourt during NYSC (2024). SDGs Nigeria Advocate, with NGO collaboration and school outreach on environmental responsibility.

Languages: English (Fluent). **Open source:** Two published packages on pub.dev — pub.dev/publishers/innocentdiwe.qzz.io. **Availability:** Open to remote opportunities and relocation.