

ADEGOKE OLUWATOBI BAYODE

DESIGN ENGINEER

Lagos, Nigeria • bayodeog@gmail.com

linkedin.com/in/bayodegoke • github.com/BayodeOg • ansarr.com • meerakl.com

PROFESSIONAL SUMMARY

Design Engineer who takes software from a blank Figma file to production code. I bring 6+ years of product design across e-commerce, fintech, service marketplaces and EdTech, and now design, build and ship full-stack products end-to-end with TypeScript, Next.js, React and Supabase (PostgreSQL). At Zoluna Ltd I have built three production platforms: Ansarr, a two-sided research marketplace; Meerakl, a point-of-sale and commerce platform for Nigerian retailers; and Luciana, a premium fashion e-commerce platform with AI virtual try-on and in-store POS. I work across the whole stack, from design tokens and accessible component libraries to database schema, row level security, payments, native mobile releases and production operations. Earlier design work includes the 0-1 launch of the Everything African marketplace in the UK (selling nationwide within months of launch) and a fintech redesign that drove an 80% increase in customer retention.

TECHNICAL SKILLS

Languages and Frameworks: TypeScript, JavaScript, React 19, Next.js 16 (App Router, Server Components, Server Actions), HTML, CSS, Tailwind CSS v4, SQL

Backend and Data: Supabase (PostgreSQL, Auth, Row Level Security, Realtime, Storage), Postgres functions, triggers and RPCs, schema migrations, REST APIs, signed webhooks, cron jobs, rate limiting

Mobile: Capacitor (Android and iOS), Firebase Cloud Messaging push, Android App Links, release signing, Google Play Console release management, PWA

Payments and Integrations: Paystack (checkout, webhooks, payouts), Termii SMS OTP, Resend transactional email, Dojah KYC, Fashn AI (virtual try-on), Google OAuth, Meta Pixel

Design: Figma (variables, component libraries, prototyping), design systems and tokens, interaction design, information architecture, user research, usability testing, accessibility (WCAG), responsive and mobile-first design

Tooling and Quality: Git and GitHub, Vercel, CI pipelines, Vitest, Testing Library, Zod, Zustand, Radix UI, shadcn/ui, Framer Motion, AI-assisted development (Claude Code)

PROFESSIONAL EXPERIENCE

Design Engineer and Founder

2026 – Present

Zoluna Ltd • Lagos, Nigeria

- Design and engineer Zoluna's software products and client platforms end-to-end: research, UX, design systems, full-stack implementation, release and production operations
- Work design-to-code with token-based design systems mirrored one-to-one between Figma variables and production CSS, so design and engineering never drift apart
- Use AI-assisted development (Claude Code) with tests, type checks and CI gates to ship at a team's pace while keeping production quality

Ansarr (ansarr.com) | Two-sided research marketplace, web and Android

Stack: Next.js 16, React 19, TypeScript, Tailwind CSS v4, Supabase (PostgreSQL), Capacitor, Firebase Cloud Messaging, Paystack, Termii

- Designed and built a research marketplace that connects researchers with educated respondents, from working professionals to undergraduate, MSc and PhD students: researchers publish and fund studies, and respondents earn cash for verified responses
- Built the full product surface: phone OTP authentication, audience targeting and matching, a guided study-creation wizard, response review with an auto-approve SLA, wallets, cash-out, weekly batch payouts and an admin operations dashboard
- Shipped the Android app with Capacitor: push notifications driven by database triggers and FCM, verified App Links, native light and dark theming, release signing and Play Console releases; iOS build running in the simulator
- Engineered the money and trust layer in Postgres: row level security on every table, column-level grants, guarded RPCs for all wallet movements, integer minor-unit accounting, HMAC-verified idempotent payment webhooks and respondent anonymity by design
- Ran a security audit that found and closed privilege-escalation gaps, then added rate limiting across OTP, funding, cash-out and KYC endpoints

- Cut latency by co-locating serverless functions with the database region, caching per-request auth lookups and adding skeleton loading states across roughly 30 dynamic screens
- Built the Ansarr design system: 27 typed React components on a role-based light and dark token architecture, mirrored in Figma with full variable bindings

Meeraki (meeraki.com) | Point-of-sale and commerce platform for Nigerian retailers

Stack: Next.js 16, TypeScript, Tailwind CSS v4, shadcn/ui, Supabase (PostgreSQL), Paystack, Vitest, Vercel

- Founded, designed and built a multi-tenant retail platform covering the POS till, orders, customers, products, inventory, staff management, reports, billing and settings
- Built inventory on an immutable stock-movement ledger where stock changes and their audit records are written atomically, plus multi-location support added through triggers without changing application code
- Enforced business rules in the database with RLS, triggers and RPCs: role-based staff access with PIN verification, and guards such as the last active owner never being demoted or disabled
- Shipped multi-tenant merchant storefronts on wildcard subdomains with host-based routing, SEO metadata, Open Graph and JSON-LD, and plan-based product limits
- Implemented USD-anchored multi-currency pricing (NGN, KES, GHS, ZAR) with automated weekly FX updates, plus Google OAuth sign-in
- Used product usage data to retire an earlier WhatsApp and Instagram CRM iteration and refocus the product on POS, removing about 125 files and nine tables cleanly
- Created a documented design system with a tokens file synced programmatically to Figma variables

Luciana | Premium fashion e-commerce platform with AI try-on and in-store POS (client)

Stack: Next.js 16, React 19, TypeScript, Tailwind CSS v4, Supabase (PostgreSQL), Radix UI, Zustand, Framer Motion, Paystack, Fashn AI, Vitest

- Built the storefront and admin for a luxury womenswear brand: landing, collections, product listing and detail, cart, wishlist, search, Paystack checkout with zone-based shipping, store pickup, order emails and a waitlist
- Integrated AI virtual try-on on product pages with admin-controlled, per-product eligibility and garment selection
- Built an in-store POS inside the admin: register shifts with cash reconciliation, split cash, card and transfer tenders, VAT, returns with credit notes, printable receipts and Z-reports, unified with online orders, revenue and inventory
- Shipped design system v1.0: 36 accessible React primitives on a three-tier token architecture, covered by 247 unit tests and mirrored to Figma as 40 components with 207 variants
- Refactored six commerce pages onto the design system, removing 351 lines of code while increasing consistency, and added consent-gated full-funnel analytics

Lead Mobile Designer

2025 – Present

Zart (Service Marketplace Startup) • Lagos, Nigeria

- Leading mobile product design for a service marketplace connecting artisans with patrons, designing end-to-end experiences across onboarding, discovery, booking flows, and in-app communication
- Translated complex service workflows into intuitive mobile-first interaction patterns, optimizing for usability and reducing booking friction
- Created wireframes, high-fidelity UI designs, and interactive prototypes for iOS and Android, ensuring platform-native consistency
- Partnered with engineering team to ensure pixel-accurate implementation and mobile performance optimization through detailed specs and design QA
- Conducted rapid usability testing and iteration to enhance engagement and reduce friction in critical user flows
- Built scalable mobile UI component library maintaining visual and interaction consistency across the application
- Optimized navigation architecture, content hierarchy, and interaction models for both new and repeat users
- Shipped features weekly in fast-paced startup environment, balancing speed with design quality to meet evolving product needs

Product Designer

2024

Everything African (E-commerce Startup) • UK

- Led end-to-end design for culturally authentic e-commerce marketplace connecting African diaspora communities in the UK with authentic African products, launched both mobile app and responsive web platform
- Designed complete user journeys including homepage discovery, product browsing, vendor listings, recipe creation, referral systems, cart/checkout flows, shipping, and rewards programs
- Translated the emotional warmth of African market experiences into scalable digital interfaces balancing cultural authenticity with modern e-commerce best practices

- Developed wireframes, high-fidelity UI designs, and interactive prototypes for responsive web and native mobile applications
- Collaborated closely with engineering teams to ensure consistent design implementation across platforms and maintain cross-device usability
- Structured scalable design components supporting product pages, vendor experiences, reviews, and category navigation
- Applied user-centered design principles to improve product discovery, streamline checkout flows, and build customer trust
- Successfully launched platform (everythingafrican.co.uk) receiving praise for intuitive design and culturally relevant user experience

Product Designer

2022

Bani Africa (Fintech Startup) • Lagos, Nigeria

- Spearheaded virtual account redesign in collaboration with lead designer and PM, achieving 80% increase in customer retention and significant growth in new user acquisition
- Partnered directly with founders to define product vision, roadmap, and feature prioritization based on user needs and business impact
- Streamlined payment flows through redesigned payment link creation interface, improving transaction completion rates and user satisfaction
- Collaborated with engineering team providing developer-ready specifications, conducting design QA, and facilitating knowledge sharing
- Delivered user-centered designs for mobile and web applications, measurably improving engagement and customer satisfaction

Design Mentor

2021 – 2022

Gurudemy Academy • Lagos, Nigeria

- Developed comprehensive curriculum covering product design fundamentals, UI/UX best practices, and design thinking methodologies
- Mentored students through hands-on workshops and real-world design projects, with multiple mentees advancing to successful design careers at tech companies
- Received consistently high satisfaction ratings for creating engaging, supportive learning environment

EDUCATION

Post-Graduate Diploma in Surveying and Geoinformatics

2023

University of Lagos • Lagos, Nigeria

Bachelor of Science, Geology

2013

Obafemi Awolowo University • Ile-Ife, Nigeria

KEY ACHIEVEMENTS

- **Shipped to Production:** Designed, built and released three full-stack platforms at Zoluna Ltd, including a native Android app
- **Design Systems in Code:** Authored a production design system for every product (27 coded components on Ansarr, 36 on Luciana) with tokens mirrored between Figma and code and backed by automated tests
- **0-1 Product Launch:** Led design for Everything African marketplace from concept to launch, creating culturally authentic e-commerce experience for African diaspora in the UK
- **Retention Impact:** Drove 80% increase in customer retention through strategic fintech platform redesign at Bani Africa
- **Multi-platform Expertise:** Designed and shipped products across mobile (iOS/Android), responsive web, and desktop platforms