

KENECHUKWU EMMANUEL OBAJI

Full-Stack Product Developer — React / Next.js / Node.js / AI Integrations

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PROFESSIONAL SUMMARY

Full-Stack Product Developer with 3+ years of experience building production-grade SaaS applications, fintech platforms, and AI-powered tools from architecture through deployment. Proficient in React, Next.js, TypeScript, Node.js, and PostgreSQL, with hands-on experience integrating OpenAI GPT-4, third-party payment APIs, affiliate postback pipelines, and license/access management systems. Comfortable owning the full product lifecycle — from founding-team frontend architecture to backend schema design to post-launch performance optimization.

TECHNICAL SKILLS

Frontend: React.js, Next.js (App Router), TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Zustand

Backend: Node.js, Express.js, REST API design, JWT Auth, WebSockets, third-party API integration

Databases: PostgreSQL (Supabase), MongoDB, MySQL, Redis — schema design & optimization

AI Integrations: OpenAI GPT-4/GPT-4o, Claude API — used daily for product development and AI-powered features

DevOps & Hosting: Vercel, Render, AWS (Amplify, EC2), Docker, GitHub Actions, CI/CD pipelines, Cloudflare

Payments & Tracking: Flutterwave, Paystack, Stripe, NOWPayments, IPN/postback pipelines, affiliate sub_id tracking

Other: Git, GitHub, Postman, Figma, Webhooks, license key systems, technical documentation

EXPERIENCE

Frontend Engineering Lead — Pulse

June 2026 – Present

pulse-org.pages.dev · Remote · Founding team, Software/OS Division

- Joined as part of the founding team building the company's product from the ground up, reporting to the CTO and CEO, with sole ownership of the full public site — Home, Solution, Company, Team, Pulse Labs, Contact, and Signup pages — end-to-end.
- Migrated the public site from an early Figma/Vite mockup to a production Next.js (App Router) + TypeScript + Tailwind v4 build, establishing the component architecture, design token system, and animation conventions from scratch.
- Built and shipped every page live, including a scroll-driven reactor visualization, an infinite-loop problem-narrative video gallery, a physics-constrained forecasting section, and a 9-person leadership/team grid with custom hover interactions.
- Diagnosed and resolved a smooth-scroll (Lenis) height-recalculation bug affecting page navigation, and repeatedly resolved git workflow issues (branch/remote misconfigurations, duplicate working directories) to keep a multi-contributor repo shippable.
- Led collaboration directly with the Founder/CEO and CTO on copy approval, brand system decisions, and design sign-off, working from a content-approval pipeline feeding a live Next.js codebase.

Stack: Next.js 14 (App Router) · TypeScript · Tailwind CSS v4 · Lenis · Vercel

Full-Stack Developer — Faforlife

January 2025 – Present

healthconvat.com · Also handles technical/admin support and social content for the brand

- Built a 15-product Next.js/TypeScript digital product platform with a centralized data layer, enabling rapid content updates and product page launches without touching component code.
- Developed a complete order and conversion pipeline using EmailJS with a branded HTML template and WhatsApp deep-link CTA, improving end-to-end customer conversion flow.
- Managed CI/CD via GitHub Actions and Vercel, containerized the dev environment with Docker, and improved Lighthouse performance scores from 68 to 80+ for better landing page conversion rates.

Stack: Next.js · TypeScript · EmailJS · Docker · GitHub Actions · Vercel

PRODUCT EXPERIENCE

Nobarity — Fintech Rewards & SaaS Platform

Live rewards platform where African users earn points completing CPA offers and redeem them for bills and cash.

- Built a complete affiliate/CPA tracking pipeline with server-to-server postback routes for CPALead, CPAGrip, and Torox — including secret verification, sub_id tracking, idempotency checks, and IP blacklisting.

- Designed a tiered ranking and rewards architecture with earning multipliers and conditional feature unlocking based on user points balance and rank.
- Built a member dashboard with offer walls (iframe embeds), activity feeds, leaderboards, spin wheel, and daily check-in.
- Integrated Flutterwave Transfers for cash withdrawals and VTPass for bill payments across 6 African countries, managing the full payment and fulfillment pipeline end to end.
- Designed a normalized 17-table PostgreSQL schema covering the full product data model — points ledger, rank progression, conversions, redemptions, and withdrawals.

Stack: Next.js 14 · TypeScript · Supabase (PostgreSQL) · Flutterwave · VTPass · CPALead · CPAGrip · Vercel

PrepGenie — AI-Powered SaaS Exam Platform

AI-native platform helping students prepare for Nigerian university entrance exams.

- Integrated OpenAI GPT-4 to power an AI tutor chat, smart quiz generator, and instant explanations across a 10,000+ question bank spanning 18 JAMB subjects.
- Architected a decoupled SaaS stack: Next.js frontend (AWS Amplify), Node.js/Express backend (AWS EC2), and MongoDB Atlas — built for scale from day one.
- Built a tiered subscription model (Free, Pro, Annual) with Paystack billing, personalized study plans, timed mock exams, and full performance analytics.
- Built a 3-step onboarding wizard, subject selection flow, and a role-based member dashboard with responsive mobile navigation.

Stack: Next.js · Node.js/Express · MongoDB Atlas · OpenAI GPT-4 · AWS Amplify · EC2

SkillFund — Multi-Payment SaaS Marketplace

- Built a full REST API backend with escrow payment flows, KYC, proposal negotiation, earnings reporting, and an admin portal.
- Integrated three payment providers (Paystack, Stripe, NOWPayments/USDT ERC-20) with IPN-style webhook handling for each.

Stack: React/Vite · Node.js/Express · MongoDB · Paystack · Stripe · NOWPayments

KceeCollection — E-Commerce Platform

- Built a production e-commerce store with Paystack integration and JWT authentication.
- Built the admin dashboard and Node.js/Express backend, deployed on Vercel and Render.

Stack: React · TypeScript · Node.js/Express · MongoDB · Paystack · Vercel/Render

EDUCATION

B.Sc. Computer Science — University of Science and Technology, Enugu

2021 – 2024

Certifications: Responsive Web Design · JavaScript Algorithms and Data Structures — freeCodeCamp