

ENOCH PHILIP DIBAL

Senior Full-Stack Engineer · Mobile Developer · Technical Lead

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PROFESSIONAL SUMMARY

Creative and results-driven Senior Full-Stack Engineer with 3+ years of professional experience designing, building, and deploying scalable web and mobile applications across multiple industries. Expert across the full development lifecycle, from architecting secure, event-driven NestJS backends and PostgreSQL databases to crafting high-performance frontends in React, Next.js, and React Native. Proven Technical Lead with hands-on experience delivering complex multi-platform systems independently, including a multi-service marketplace with 3 mobile apps, 2 web apps, and a fully integrated backend. Holds active Apple Developer and Google Play Developer accounts with 6 published applications (3 per platform) and 1 in active development. Passionate about clean architecture, DevOps best practices, and delivering production-grade systems that scale.

WORK EXPERIENCE

Full-Stack Developer Intern - IAB Code

Jul 2025

Technology · Remote · 1 month

- ❖ Built scalable full-stack applications using Next.js and the MERN stack.
- ❖ Implemented and integrated RESTful APIs with frontend components for seamless user experiences.
- ❖ Collaborated with senior engineers on code optimization, debugging, and performance improvements.
- ❖ Contributed to Agile team workflows, code reviews, and professional development practices.

Full-Stack Developer - CreatorsLab

Feb 2025 - Apr 2025

Technology · Remote · Part-time · 2 months

- ❖ Developed and maintained full-stack features using Next.js, Privy.io, and Vercel.

- ❖ Implemented secure user authentication and payment gateway integrations via Privy.io.
- ❖ Collaborated remotely with a cross-functional team under Agile methodologies to meet client deliverables.
- ❖ Maintained high code quality and performance standards under tight delivery schedules.

Lead Full-Stack Developer & DevOps Engineer - Asoose

2024 - 2025

Multi-Service Marketplace · Remote · Contract

Sole technical architect and lead developer on a comprehensive multi-service marketplace platform connecting customers, vendors, and riders for food, groceries, and ride-hailing services. Delivered 3 mobile apps, 1 web app, and a central backend.

Architected the entire system from scratch: backend (NestJS), database schema (PostgreSQL on Railway), and API layer.

- ❖ Built and deployed 3 React Native (Expo) mobile apps: Customer App, Vendor App, and Rider App - published to both Apple App Store and Google Play Store.
- ❖ Developed a Next.js web application: a full-featured Customer Web App and an Admin/Support Dashboard.
- ❖ Integrated Google Maps API for real-time navigation and optimized routing; Firebase Cloud Messaging for push notifications; Paystack for PCI-DSS compliant payment processing.
- ❖ Implemented enterprise-grade security: JWT auth, RBAC (customer/vendor/rider/admin roles), Argon2 password hashing, AES-256 encryption, rate limiting, CORS, input validation, and SSL pinning on mobile.
- ❖ Managed full infrastructure: Railway (backend), Railway (PostgreSQL), S3 (media storage), VPC isolation, IAM least-privilege roles, CloudWatch monitoring, Shield DDoS protection, and automated daily encrypted backups.
- ❖ Deployed web apps to Vercel with secure CI/CD pipelines; managed production and development environment configurations.
- ❖ Ensured NDPA and GDPR compliance including user consent flows, data deletion mechanisms, and privacy policies.
- ❖ Delivered full technical documentation, version tracking, and penetration-tested production release within an 8-week timeline.

Full-Stack Developer Intern - Triple Multipurpose Technology

Jan 2024 - May 2024

Technology · Remote · 5 months

- ❖ Built and maintained backend systems for a land rental and purchase platform using Node.js and Express.js.
- ❖ Managed MongoDB and SQL databases for property listings, user profiles, and transaction records.
- ❖ Integrated third-party payment processing and geolocation APIs for seamless land purchase and rental workflows.
- ❖ Implemented RBAC for admin, buyer, and seller user roles; optimized queries and API routes for scalability.
- ❖ Collaborated with the frontend team on real-time data updates; maintained and improved codebase quality through reviews.

Front-End Developer - Catoff Gaming

Sep 2023 - Nov 2023

Gaming & Web3 · Remote · 3 months

- ❖ Built interactive web applications and browser games using React, Web3.js, HTML, CSS, and JavaScript.
- ❖ Implemented responsive, reusable UI components and optimized frontend performance for cross-browser compatibility.
- ❖ Worked closely with designers to translate wireframes and mockups into polished, functional interfaces.

Freelance Full-Stack Developer - Self-employed

Feb 2023 - Jul 2023

Remote · Multiple clients

- ❖ Designed and built custom web applications using React, Next.js, Node.js, and MongoDB for various clients.
- ❖ Created responsive, mobile-first UI components; managed project timelines, client communication, and end-to-end delivery.
- ❖ Delivered maintainable, high-quality codebases consistently meeting client specifications and deadlines.

MOBILE & APP STORE PORTFOLIO

Active Apple Developer and Google Play Developer accounts with 6 published applications (3 per platform) and 1 currently in active development.

- ❖ Asoose Customer App - Food ordering, ride booking, real-time tracking · React Native (Expo) · Live on App Store & Google Play.
- ❖ Asoose Vendor App - Store management, order processing, earnings & analytics · React Native (Expo) · Live on App Store & Google Play.
- ❖ Asoose Rider App - Live order assignment, navigation, earnings tracking · React Native (Expo) · Live on App Store & Google Play.
- ❖ Job Flow - AI-powered job application tracker with cover letter generation and ATS scoring · Live on App Store & Google Play.
- ❖ 1 application currently in active development.

KEY PROJECTS

- ❖ **Asoose - Multi-Service Marketplace & Ride Booking Platform** | *NestJS · PostgreSQL · React Native · Next.js · AWS · Paystack · Google Maps · Firebase*
Full-platform lead developer on contract: 3 mobile apps (Customer, Vendor, Rider), 1 web app (Customer, Admin), and a centralised NestJS backend. Covered architecture, API design, DevOps (AWS S3 and railway), third-party integrations, security hardening, and production deployment within 8 weeks.
- ❖ **Job Flow - AI-Powered Job Application Tracker** | *React Native · Expo · TypeScript · AI.*
Mobile app with resume uploads, AI-generated cover letters, and ATS analysis scoring.
- ❖ **Land Rental & Purchase Platform Backend** | *Node.js · Express · MongoDB · SQL*
Scalable backend for a real estate platform with RBAC, payment processing, geolocation integration, and optimized API routes for high-traffic handling.
- ❖ **Next.js LLM Course Platform** | *Next.js · TypeScript · Tailwind CSS*
Interactive course website for LLM education with structured layouts, dynamic content rendering, and a responsive, accessible UI.

TECHNICAL SKILLS

Languages: JavaScript (ES2022+), TypeScript, HTML5, CSS3, Java, python

Frontend: React, Next.js, Vue.js, Tailwind CSS, React Native, Expo, Flutter

Backend: Node.js, Express.js, NestJS, Spring Boot, REST APIs, WebSockets

Databases: PostgreSQL, MongoDB, Redis, SQL, AWS RDS

Cloud & DevOps: AWS (EC2, RDS, S3, VPC, IAM, CloudWatch, Shield), Docker, Vercel, CI/CD, Linux

Mobile: React Native, Expo, Apple App Store, Google Play Store, SecureStore, SSL Pinning

Integrations: Google Maps API, Firebase (FCM), Paystack, Privy.io, AWS S3

Security: JWT, RBAC, bcrypt, AES-256, Rate Limiting, CORS, XSS/SQLi prevention, GDPR/NDPA

Blockchain: Solana, Web3.js

Testing & QA: Jest, JUnit, OWASP ZAP, penetration testing, debugging, code review

Practices: System architecture, Agile/Scrum, API design, DevOps, technical documentation

EDUCATION

Bachelor of Engineering (B.Eng) - Computer Engineering (In View) 2023 - 2027

University of Maiduguri, Borno State, Nigeria

Ordinary National Diploma (OND) - HTML5 Applications 2019 - 2020

Digital Nigeria

Secondary School Certificate 2015 - 2021

Namu Model Secondary School, Maiduguri

PROFESSIONAL HIGHLIGHTS

- ❖ Lead developer on Asoose contract - sole architect and engineer for a production multi-service platform (3 mobile apps, 2 web apps, full backend + DevOps).
- ❖ 6 apps live on Apple App Store and Google Play Store with active developer accounts on both platforms.
- ❖ End-to-end AWS infrastructure experience: EC2, RDS, S3, VPC, IAM, CloudWatch, Shield, and encrypted backups.
- ❖ Enterprise security implementation: JWT, RBAC, AES-256, bcrypt, argon2, rate limiting, SSL pinning, NDPA & GDPR compliance.
- ❖ 10+ projects completed across web, mobile, e-commerce, real estate, gaming, and blockchain verticals.
- ❖ 18+ technologies mastered spanning frontend, backend, mobile, cloud, DevOps, and Web3 stacks.

References available upon request