



DAVID CHINYE

FULL STACK ENGINEER

React Native · React / Next.js · Node.js · TypeScript

CONTACT

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EDUCATION

2025
UNIVERSITY OF BENIN
• B.A. Philosophy
• Edo State, Nigeria

TECHNICAL SKILLS

Languages

TypeScript, JavaScript, Python, PHP, SQL

Frontend

React, Next.js, Tailwind CSS, Material UI, Redux, TanStack Query, React Hook Form

Mobile

React Native, Expo (Router, EAS), Reanimated, offline sync, maps & geolocation, push notifications, OCR, QR scanning

Backend

Node.js, NestJS, Express, Fastify, FastAPI, Laravel, REST APIs, JWT/OAuth, RBAC

Databases

PostgreSQL, MongoDB, MySQL, SQL Server, Drizzle ORM

AI

OpenAI API, LangChain, prompt engineering, Claude Code

Cloud & Tooling

Azure, Docker, CI/CD, Vercel, Git, Jest, React Testing Library, Figma

CMS

Sanity, Strapi, WordPress /

PROFILE

Full stack engineer with 5+ years of experience shipping production web and mobile applications in TypeScript, React, Next.js, React Native, and Node.js. Currently leads mobile engineering on an offline-first field data platform serving **28,000+ agents** and **800,000+ records** across 6 organisations with ~99% data integrity. Strongest in offline-first architecture, API integration, and system design, with hands-on use of AI tooling (Claude Code, OpenAI API, LangChain) in daily development.

WORK EXPERIENCE

Skytlabs Consulting Limited

2020 - PRESENT

Lagos, Nigeria · Promoted from intern to team lead

• Full Stack Engineer — Team Lead

AUG 2025 - PRESENT

Mobile Engineering, Campaign Field Data Platform

- Led the architecture and delivery of an offline-first React Native data collection platform, heading a team of **6 engineers**. The platform now serves **28,000+ field agents** and **800,000+ supporter records**.
- Designed the offline capture and sync engine (idempotent submissions, background sync, retry with backoff), sustaining **~99% data integrity** and **under 31-second average sync** in low-connectivity areas.
- Built multi-channel data ingestion covering manual entry, CSV/Excel import, GPS, and camera-based OCR, **cutting manual data-processing work by ~98%**.
- Deployed the platform to **6 organisations from a single configurable codebase**, so no organisation needed a separate rebuild.
- Integrated **8+ production API domains** and owned API contracts with the backend team; implemented token auth with silent refresh, secure credential storage, and rate-limit handling.
- Introduced production metrics for sync latency, duplicate submissions, failed requests, and agent productivity, and used them to find and fix performance bottlenecks.
- Wrote the architecture and handoff documentation that enabled a **second engineering team to extend the platform into a new vertical**.

• Full Stack Developer

SEP 2023 - JUL 2025

- Built and published **GradeUp**, an Android CGPA-tracking app for university students, on Google Play with **2,000+ downloads** (React Native, Expo, Fastify, Drizzle ORM, PostgreSQL, Better Auth).
- Built a Python trading bot integrated with MetaTrader 5 for automated day trading, contributing to a **52% increase in client sales**.
- Integrated the OpenAI API into a production web app for personalised movie recommendations and content summaries, deployed on Azure.
- Led frontend development across **15 client web applications** in React, Next.js, and TypeScript, including e-commerce (Miss Planet, Julies Treats), healthcare booking

WooCommerce

LANGUAGES

- English (Professional)
- Igbo (Native)

(Ropheka Foot Care), and a community platform (CELZ4).

- Built REST APIs in NestJS, Fastify, and FastAPI, plus payment integrations with error recovery and audit trails, and data-heavy admin dashboards.
- Managed backend deployments on Azure and ran code reviews across concurrent projects.

• Frontend Developer

AUG 2021 – JUL 2023

- Increased **user engagement by 40%** on a client React application through UI and performance improvements.
- Standardised data fetching (TanStack Query) and form handling (React Hook Form) across production applications, improving consistency and reuse.
- Kept code reviews and documentation up to date, making onboarding faster for new developers.

• Web Developer Intern

AUG 2020 – JUL 2021

- Built a responsive client website from scratch and contributed Node.js/MongoDB backend features alongside senior developers.

REFERENCES

Available upon request.