

ABDULYEKEEN MAADAN

Software Developer · React · TypeScript · Go · AI-Augmented Development

Lagos, Nigeria · maadan.dev@gmail.com · maadan.dev · github.com/maadan-dev · linkedin.com/in/abdulyekeenmaadan

SUMMARY

Software developer with a Mathematics background and 2+ years delivering production applications for real clients. Ships across the full frontend stack — React, TypeScript, Go — and builds AI-augmented products using Gemini and SSE streaming pipelines. Most recently launched NextRole NG, a full-stack CV optimisation tool for the Nigerian job market, which gained organic traction in its first week.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Go, HTML5, CSS3

Frameworks & Libraries: React, Vite, Tailwind CSS, Framer Motion

Backend & Data: Go (net/http), Supabase (PostgreSQL), REST APIs, SSE streaming

AI & Automation: Gemini API, AI-Augmented Development, Prompt Engineering

Tools: Git/GitHub, Vercel, Railway, Figma, Chrome DevTools

PROJECTS

NextRole NG — Full-Stack AI CV Optimisation Tool · nextroleng.tech

- Built a two-phase Gemini AI pipeline: Phase 1 extracts verified CV facts, Phase 2 generates tailored rewrites per Nigerian job category — reducing hallucination and improving output reliability.
- Implemented SSE streaming for real-time results (~15 seconds), with multimodal PDF extraction handling Canva-formatted CVs.
- Built role-specific prompt modules for 10 Nigerian job categories with hard-coded institutional knowledge of the local hiring market.
- Gained organic traction within the first week — users sharing the tool in WhatsApp groups unprompted.
- Stack: Go, React, TypeScript, Tailwind CSS, Gemini API, Supabase, Railway, Vercel.

EXPERIENCE

Contract Frontend Developer · Self-Employed · May 2023 – Dec 2025

- Delivered production React/TypeScript interfaces for paying clients across travel, non-profit, and executive persona verticals — including ATEKER Luxury Safaris (Canada) and a diplomatic executive's digital platform (segunalabi.me).
- Built interactive UI components with Framer Motion; enforced strict TypeScript typing across API boundaries; developed dev-mode fallbacks to maintain build velocity.
- Managed full project cycles independently — scoping, building, testing, and deploying without institutional support.

EDUCATION

Software Engineering Fellowship · Learn2Earn · June 2026 (incoming) Post-Piscine systems engineering fellowship, Yaba Lagos.

01-edu Piscine · Learn2Earn, Yaba Lagos · March 2026

Intensive 4-week systems programming bootcamp in Go, algorithms, and Unix shell.

CERTIFICATIONS

freeCodeCamp — Responsive Web Design · June 2022

NYSC Discharge Certificate · 2025

ADDITIONAL

- Self-taught developer — built real client projects from scratch without formal CS training or bootcamp support prior to Learn2Earn.
- Mathematics background informs a structured, logic-driven approach to architecture decisions, debugging, and problem decomposition.