

Mustapha Lawal

Full-Stack Developer · MERN & Next.js

Lagos, Nigeria mustyflowcrm@gmail.com +234 906 532 3916 musty-dev.vercel.app github.com/Musty325199
linkedin.com/in/mustapha-lawal-74b62523b

PROFILE

Full-stack developer who builds and ships complete products, from database to deployment: real-time collaboration, booking systems and inventory software. I design mobile-first and keep running costs at zero. Business Administration background, so I build around how small businesses actually work. Open to remote and freelance roles.

SELECTED PROJECTS

Tessel – real-time multiplayer whiteboard

musty325199.github.io/tessel

React 18 · TypeScript · Vite · Express · WebSocket · Yjs · MongoDB · Gemini API · Playwright

- Built a collaborative canvas where edits from many people merge without conflicts, using Yjs CRDTs over a custom WebSocket sync server, with live cursors and presence.
- Offline-first: boards stay usable without a connection (IndexedDB) and sync when it returns. Installable as a PWA.
- JWT auth with rotating refresh tokens, hashed single-use password-reset links, rate limiting and signed image uploads. AI board organiser using Gemini with model fallbacks and timeouts.
- CI runs unit tests, type-checks, build and end-to-end tests at desktop and iPhone sizes, then deploys automatically.

Hostvale – booking and payments app for shortlet hosts

hostvalehq.github.io

Next.js · TypeScript · Supabase (PostgreSQL) · Tailwind · PWA

- Single calendar for every apartment, with double bookings blocked at the database level. Tracks part payments, balances and caution fees (hold, deduct, refund).
- Per-host booking website, online guest check-in with private ID storage, and one-tap WhatsApp confirmations, reminders and receipts. Free, Pro and Business plans.

NOOK – Lagos stays and experiences guide with admin

nook-lagos.vercel.app

Next.js 16 · Server Actions · Prisma 7 · Supabase Postgres · Cloudinary · Resend

- Public site plus private admin: publish stays and experiences, upload photos, manage enquiries. Idempotent enquiry submissions, honeypot spam control, per-page SEO and structured data.
- Script-hashed admin password with signed session cookies; health endpoint monitored for uptime.

StockFlow – inventory and sales software for small businesses

stockflowhq.com

MongoDB · Express · React · Node.js · TypeScript · Tailwind

- Tracks stock, customers, sales and pay-later (credit) sales in one POS-style system.

SKILLS

Languages	JavaScript, TypeScript, SQL, HTML, CSS
Front end	React, Next.js, Tailwind CSS, Vite, Progressive Web Apps
Back end	Node.js, Express, REST APIs, WebSockets, JWT authentication, Server Actions
Data	MongoDB, PostgreSQL, Prisma, Supabase, Yjs (CRDT)
Tooling	Git, GitHub Actions, Playwright, Docker, Vercel, Render, Cloudinary, Resend

EXPERIENCE

Freelance Web Developer	Present
Lagos Web Studio · Lagos, Nigeria	
• Design and build responsive websites for small businesses in Lagos.	

EDUCATION & CERTIFICATION

HND, Business Administration	2026
The Federal Polytechnic, Offa	
JavaScript Mastery	Udemy, 2024