Francis John Eboh

AUTOMATION SPECIALIST · PYTHON · AI & WEB SYSTEMS

I find the one repetitive, expensive job inside a business and build the system that removes it. 27 shipped projects, five running in production — a church programme display used every Sunday, a student housing platform for Bayero University, three client sites.

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- Kaduna, Nigeria · WAT (UTC+1) · remote worldwide
- blaxk.vercel.app
- github.com/Blaxk-C137

SELECTED WORK

Church Programme Display · Alheri Baptist Church

2025 · in weekly use

Every service the order was printed on paper. A guest speaker, a moved item or a cancelled slot meant a reprint or an announcement from the pulpit, and nobody in the room could see what was current.

→ Volunteers now edit one Excel sheet and the projector shows the live programme, with a one-click PDF export. Running every service.

STACK Python · Flask · pandas · reportlab · Tailwind

BUK Housing Platform · student lettings marketplace

2026

Students at Bayero University Kano hunt for off-campus rooms through WhatsApp groups and word of mouth. Listings vanish, prices go stale, nobody knows if the room in the photo still exists.

→ A full marketplace loop — authentication, role-based routing for students and landlords, listing analytics, enquiries and direct messaging. Six verified listings live, ₦45,000–₦160,000/month.

STACK React · Django REST · Python · JavaScript

StatusFix · WhatsApp Status quality tool

2026 · live

Post a carefully edited video to WhatsApp Status and it returns looking like a 2011 screenshot — WhatsApp re-compresses hard against a 5 MB / 1600 px ceiling.

→ Files are tuned to land just inside the platform's exception points rather than being over-compressed, and every upload is deleted the moment the response is sent — nothing is stored.

STACK JavaScript · React · Node.js · Express · FFmpeg

Xposer · local servers on real phones

2026 · v1.1

Showing someone the thing you just built means deploying it, handing over your laptop, or setting up a tunnel account — all to show a page to the person next to you.

→ One command puts a local dev server on the Wi-Fi, then rewrites `localhost` links inside JS, JSON, HTML, redirects and cookies so a frontend calling `localhost:8000` simply works on the phone.

STACK Python · networking · TLS · GTK · IPv6 · WebSockets

Luminary · decision-first recommender

2026 · live

Recommendation apps answer "what could I watch" with ninety thumbnails. That is the exact moment people give up and rewatch something they have already seen.

→ The whole decision is made in four taps, and every suggestion arrives with the reason it was chosen.

STACK TypeScript · Next.js · Gemini AI · TMDB · AniList

Zyrogenix Consult · livestock-health biotech site

2025 · live

A practice selling serious technical lab and advisory services had no website at all — no proof of expertise, no visible team, nothing for a farmer or vet to judge them by.

→ A credibility-first site that leads with evidence and a real contact path. The practice now sends a link instead of explaining itself.

STACK HTML · CSS · JavaScript · responsive · SEO

RUNNING IN PRODUCTION

- **status-fix-client.vercel.app** — StatusFix
- **blaxk-c137.github.io/sniffle** — Zyrogenix
- **black-recommender.vercel.app** — Luminary
- **blaxk.vercel.app** — this portfolio, 27 case notes

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WHAT I CAN TAKE ON

Automation & bots

- WhatsApp bots with sessions, moderation and auto-recovery
- Scraping, enrichment and de-duplication at scale
- Scheduled jobs, API integrations, notification flows

AI integration

- Gemini and Claude wired into live business workflows
- Lead scoring, ranking and summarisation pipelines
- Local-first AI that keeps data on the machine

Web development

- Marketing and brand sites that load fast on Nigerian networks
- React and TypeScript applications with real databases
- Flask and Node back ends, dashboards, admin panels

Systems & computer vision

- Excel, file and report automation replacing manual admin
- Media pipelines: compression, conversion, transcoding
- Gesture and vision interfaces (MediaPipe, OpenCV)

TECHNICAL SKILLS

LANGUAGES	Python · JavaScript · TypeScript · HTML · CSS · SQL · Bash
BACKEND	Flask · Django · Django REST · Node.js · Express · REST APIs · authentication & roles
FRONTEND	React · Next.js · Tailwind CSS · GSAP · ScrollTrigger · Canvas & WebGL · three.js
AI & DATA	Gemini AI · Claude · RAG patterns · pandas · reportlab · OpenCV · MediaPipe · Whisper · Piper
AUTOMATION	Baileys (WhatsApp) · Selenium · scheduled jobs · scraping & enrichment · FFmpeg
PLATFORMS	Git & GitHub · Vercel · Linux · Supabase · Postgres · SQLite · networking & TLS

EXPERIENCE

2026 — present

Freelance developer & builder

Self-employed · Kaduna, Nigeria

Client work alongside a steady output of personal builds. Range widened from scripts to full products — WhatsApp automation, AI pipelines, live client sites. Shipped StatusFix, Luminary and the Zyrogenix site; catalogue now 27 documented builds.

2025 — 2026

Automation & bot engineering

Client and personal builds

Moved from scripts to systems: multi-session WhatsApp automation on Baileys, a lead pipeline that scrapes, scores and messages with Gemini AI, and the developer tooling I still use daily.

2024 — 2025

Foundations & first paid build

Engineering studies + self-teaching

Started Mechatronics Engineering and taught myself programming in parallel. First paid work was the church programme display — Excel-driven, live on a projector, used every week since. Built the first computer-vision interfaces.

EDUCATION

2024 — present

Mechatronics Engineering

Kaduna, Nigeria

Engineering degree in progress, studied alongside a full self-taught software practice. Hardware and software in the same head is where most of the project ideas come from.

CERTIFICATIONS

- **AI Fluency: Framework & Foundations**
  Anthropic Education · Jul 2026
- **Introduction to Critical Infrastructure Protection**
  Critical Infrastructure Protection Program
- **Cybersecurity Awareness**
  HP LIFE — HP Foundation · Nov 2024
- **Claude 101**
  Anthropic Education · Jul 2026
- **AI for Beginners**
  HP LIFE — HP Foundation · Dec 2024