MALIK ADESIYAN

Full Stack Developer | AI Automation

maleekskies@gmail.com | +234 813 263 3909 | Nigeria

PROFESSIONAL SUMMARY

Full stack developer who builds AI automation. Designs and ships responsive web applications and Progressive Web Apps, builds and integrates REST APIs, and creates n8n automation pipelines that capture, score, summarize, and route data using self-hosted local AI, so client data is never sent to a third-party AI service and there are no per-token costs. Has delivered 15+ client projects, cutting load times by 40% and managing the full lifecycle from database schema design through deployment. Brings clarity to documentation and client communication across remote, client-facing work.

TECHNICAL & CORE SKILLS

Frontend Development: HTML, CSS, JavaScript, TypeScript, React, Next.js, Vite, Tailwind CSS, chess.js, react-chessboard, responsive design, state management, accessibility (a11y), SEO

Backend Development: Node.js, Express, FastAPI, Python, REST API design, Stockfish (engine integration)

Database & Auth: SQL/NoSQL database design, Supabase (Postgres, Auth, Row-Level Security)

AI Automation: n8n (workflow orchestration, webhook handling, dynamic JSON expression mapping), Ollama (self-hosted local LLMs for text summarization), Groq (LLM integration), Google Sheets API, Google Forms, Telegram Bot API, Gmail SMTP / Nodemailer, deterministic lead scoring, data normalization & error handling, privacy-first AI design

Tools & Workflow: Git, Vercel, Figma, Progressive Web App development, Agile workflows, AI coding agents, performance optimization, HAR file documentation, Resend (transactional email), @react-pdf/renderer, pdf-parse

Research, Design & Business: Web research methodology, technical documentation, graphic design, UI evaluation, AI design critique, client communication, project delivery, business operations

PROFESSIONAL EXPERIENCE

Full Stack Developer

2021 - Present

Remote / Worldwide

- Designed and developed 15+ responsive websites and Progressive Web Apps for clients worldwide, focusing on performance, usability, clean UI, and measurable business outcomes.
- Designed and integrated RESTful APIs and backend infrastructure to support responsive, multi-page web applications and interactive interfaces.
- Reduced web application load times by 40% through frontend optimization, efficient API payloads, image optimization, lazy loading, and clean database query structures.
- Worked directly with clients to translate business needs into functional software requirements and managed the full project lifecycle from database schema design through deployment.
- Delivered projects on schedule while maintaining a strong focus on responsive design, accessibility, SEO, and user experience.

AI Data Annotator (Freelance), Appen & Clickworker

Remote

- Carried out text annotation and dataset quality assurance tasks to support AI model training.
- Reviewed and validated annotation outputs against project-specific guidelines for consistency and accuracy.

Software Tester (Freelance), testIO

Remote

- Achieved Gold Level as a software tester, performing manual and exploratory testing across web and application experiences.
- Identified functional, usability, and interface defects and produced detailed, actionable bug reports and quality feedback.
- Applied a strong eye for design, user experience, edge cases, and application quality during testing.

SELECTED PROJECTS

RoleSearchHQ - AI-Powered Job Search Platform

Next.js, Supabase, Groq, @react-pdf/renderer, pdf-parse, Resend, Vercel | *https://rolesearchhq.vercel.app/*

- Built a full-stack job search platform that scans multiple job boards (RemoteOK, Remotive, Himalayas, Arbeitnow, Jobicy, Adzuna) and scores roles against a user's CV and preferences using a hybrid keyword-and-LLM scoring engine.
- Designed a 4-stage pipeline (Saved, Ready to send, Applied, Interview) with an AI-generated "kit" system producing tailored CVs, cover letters, and talking points per role, backed by an audit trail of facts used.
- Implemented Supabase (Postgres, magic-link auth, row-level security), PDF parsing/generation for CV upload and ATS-safe export, and a scheduled digest email via Resend and Vercel Cron.

Skies Realty - Automated AI Lead Management & CRM Pipeline

n8n, Ollama (local LLM), Google Sheets API, Google Forms, Telegram Bot API, Gmail SMTP, Nodemailer

- Built an automated lead-intake pipeline for a real estate business that captures each inquiry, computes a deterministic priority score, logs it to a Google Sheets CRM, and sends an instant priority alert to the sales team on Telegram, removing slow manual logging and delayed follow-up.
- Designed a hybrid architecture: strict code nodes handle budget and lead-scoring logic for guaranteed accuracy, while a self-hosted Ollama model is used only to turn unstructured buyer notes into single-sentence intent summaries.

- Used local AI inference so customer data is never sent to a third-party AI service, with no per-token API costs.
- Mapped dynamic JSON to 11 exact CRM schema headers and added fallback array-referencing logic to prevent batching errors across multi-item executions.

SecOps Toolkit (Auditlynx) - Multi-Module Security Analysis Platform
Python, FastAPI, React, Vite, Tailwind CSS | *https://auditlynx.vercel.app/*

- Built a defensive security toolkit with five modules: a Security Headers & Config Checker (grades sites A-F on HSTS, CSP, cookie flags, and information disclosure), a Phishing Analyzer (email triage for SPF/DKIM/DMARC and social-engineering signals), a DNS & Domain Recon tool (registration and DNS lookups), a Code Security Scanner (application vulnerability checks), and a Breach Checker (email exposure lookups).
- Architected a FastAPI (Python) backend with a modular router/service structure and a React + Vite + Tailwind frontend, with each module following a consistent pattern for easy extension.
- Designed the tool as stateless heuristic triage for human analysts: it surfaces signals rather than verdicts, with no data storage or logging beyond standard server access logs.
- Deployed with a decoupled backend/frontend setup (ASGI backend on any Python host, static frontend build).

ChessHatch - Chess Learning Platform
React, Vite, Supabase, chess.js, react-chessboard, Stockfish | *https://chesshatch.vercel.app/*

- Built a learning-first chess platform for beginners through advanced players, featuring a lesson path from zero to 10 tactics series (50 lessons), a rule-based live coach that flags unfavorable trades, and a scripted guided first-game experience for total beginners.
- Implemented real-time multiplayer matches via Supabase Realtime with time controls and a Glicko-2 rating system (the same algorithm used by Lichess), alongside offline computer play using a Web Worker-based Stockfish integration with nine bot levels that unlock as you win.
- Developed a spaced-repetition puzzle review system (SM-2-lite scheduler), a 90-second timed Puzzle Rush mode, and an 8-badge achievement system with offline-first local storage and background sync.
- Designed a Postgres/Supabase backend with row-level security across all tables, and built a PWA with offline caching and installability support.
- Independently hand-verified all chess content (lesson positions, guided-game moves) using custom-built legality checkers to ensure correctness for a learning tool.

OZ Handcrafted Footwear - E-Commerce Website
HTML, Tailwind CSS, JavaScript, Vercel | *https://ozhandcrafted.vercel.app*

- Built a full e-commerce site for a handmade leather footwear brand, including a product catalogue with individual product pages, photo galleries, color/size selection, a cart, and a wishlist, all with no backend or database.
- Designed a WhatsApp-based checkout flow where cart and custom orders are compiled into a message and sent directly to the business, matching the client's actual order-fulfillment process.
- Built a single source-of-truth product catalogue (store.js) driving the homepage grid, search/filter/sort, cart, wishlist, and "you may also like" recommendations across the site.
- Implemented additional pages for a size guide, FAQ, and a video library of behind-the-scenes workshop content, plus SEO basics (sitemap, robots.txt).

Shrunk - Smart Image Compressor PWA
React, PWA, Vercel | *https://shrunk.vercel.app/*

- Built a Progressive Web App that compresses uploaded images and converts them to PDF.
- Reduced image file sizes by up to 70% while maintaining visual quality, with processing typically completed in under 2 seconds.
- Focused on a clean interface, offline capability, and fast performance for everyday users.

Northfort Limited - Company Profile Website
HTML, CSS, JavaScript, Vercel | *https://northfortlimited.vercel.app/*

- Designed and developed a responsive multi-page website for an HVAC business.
- Delivered a professional 5-page site with clear navigation and improved the mobile load experience.
- Reduced page load time by 40%, from 4.2 seconds to 2.5 seconds, through image optimization and lazy loading.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- freeCodeCamp - Web Design and Development
- CLAUDE - AI Fluency: Framework and Foundations
- GOOGLE - AI Essentials Specialization Certificate
- GOOGLE - Maximize Productivity With AI Tools
- GOOGLE - Discover The Art of Prompting
- GOOGLE - Cybersecurity Professional Certificate (Coursera)
- IBM - Python for Data Science, AI & Development (Coursera)

EDUCATION

BSc, Political Science - University of Ilorin
Level 3 Software Development (in progress) - Code Institute

LANGUAGES

English (fluent), Yoruba (fluent)