MARVELLOUS (ABIOLA) OGUNLEKE

Full-Stack AI Engineer | Software Engineer | Generative AI

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SUMMARY

Full-Stack AI Engineer and Microsoft Certified Azure AI Engineer Associate who builds and ships production web applications and LLM-powered products used by real customers. Experienced across the stack (React, Next.js, TypeScript, Node.js, Python, PostgreSQL/MongoDB) and in applied AI (RAG, AI agents, Semantic Kernel, Microsoft AI Foundry). Award-winning hackathon builder and agency founder with a systems-level focus on concurrency and performance.

EXPERIENCE

Full-Stack AI Engineer, **Netsible Solutions** Oct 2026 – Present · Lagos (Remote)

- **CodelaSMS** (getcodela.com): built a virtual phone-number platform for OTP verification across online services, with payment integration and **automated wallet refunds**.
- **NextPawa** (nextpawa.com): designed and implemented the **referral system** and **unique username system** driving user growth and engagement.
- **Light Up Your Street** (lightupyourstreet.app): built an interactive, NEPA-inspired simulation game.

Full-Stack Engineer, **AuraEx** Dec 2025 – Sep 2026 · Remote

- Built the frontend architecture of a two-sided marketplace connecting small businesses with content creators, including discovery, filtering and booking flows.
- Delivered a real-time booking experience designed for **~500 concurrent users**, integrating REST APIs for live confirmations, availability updates and in-app messaging.
- Implemented authentication, session management and resilient API error handling.

Founder & Lead Engineer, **Bestricky Web Agency** Aug 2025 – Present · Lagos (Remote)

- Founded and lead an agency delivering high-performance, SEO-optimised websites and custom web apps for clients across multiple industries and countries.
- Own the full product lifecycle, from Figma UI/UX and architecture to Next.js/Node.js development and cloud deployment.

Software Engineer Intern (Frontend & Backend), **HNG Tech** Oct 2025 – Dec 2025 · Remote

- Progressed through the elimination stages of one of Africa's most competitive remote internships (18,000+ participants).
- Shipped **10+ React/Next.js features**, **5+ reusable TypeScript component libraries** and Node.js/Express REST APIs; enforced WCAG accessibility and mobile-first standards.

SELECTED PROJECTS

Chronos: AI Legacy Code Archaeologist · Next.js, Node.js, LangChain, OpenAI, AST parsing, D3.js

- Ingests legacy codebases (COBOL, Java monoliths) and produces dependency visualisations, plain-English reports and refactor blueprints in TypeScript/Python. **Won 3 prizes at DSH Hacks V1.**

RiskGuard AI & MTN ClarityAI · React, React Native/Expo, TypeScript, Semantic Kernel, Microsoft AI Foundry

- Telecom AI systems for outage detection, SLA-breach prediction and personalised plan advice. Architected a shared TypeScript API layer for web and mobile (halving maintenance overhead), added Pidgin-language support and cut low-end Android bundle size by ~20%.

Concurrent In-Memory Database Engine · C++

- Built a multithreaded key-value engine with LRU caching, TTL eviction, write-ahead logging, LSM-tree concepts and sharded locking, benchmarked under multithreaded load.

Kora, ResumeForge & Tailorvance · Next.js, TypeScript, LLM APIs

- Live AI products for interview practice (Kora) and ATS resume tailoring (ResumeForge, Tailorvance) that helped users land interviews abroad.

AWARDS & CERTIFICATIONS

- **Microsoft Certified: Azure AI Engineer Associate**
- **DSH Hacks V1:** Participation Prize, Special Prize (Iteration Machine) and Special Award (InterviewCake) for Chronos.
- **Microsoft AI Skills Week Hackathon (TeKnowledge × MTN): 2nd Runner-Up** with RiskGuard AI (top 20 of 70+ finalists); led frontend.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C++, SQL
Frontend: React, Next.js, React Native (Expo), Tailwind CSS, Responsive & Accessible UI (WCAG)
Backend: Node.js, Express.js, REST APIs, Microservices, Authentication, Payment Integration
AI / ML: LLMs, Generative AI, RAG, AI Agents, Prompt Engineering, Semantic Kernel, Microsoft AI Foundry, OpenAI API, LangChain
Data & Cloud: PostgreSQL, MongoDB, AWS, Azure, Vercel, Docker, Kubernetes, CI/CD, GitHub Actions
Systems & Practices: Data Structures & Algorithms, Multithreading, Concurrency, Caching, System Design, Git, Testing, Agile/Scrum

EDUCATION

B.Sc. Electrical and Electronics Engineering, **University of Lagos** Nov 2023 – Oct 2028 (expected)

LEADERSHIP & COMMUNITY

EARLYTech Access 2026: Volunteer instructor; taught secondary-school pupils in Bariga, Lagos foundational technology and responsible AI use.