

Olaiya Joseph Oniya

FULL-STACK SOFTWARE ENGINEER · FOUNDER, TAG-ALONG LTD

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● AVAILABLE NOW
LAGOS, NIGERIA · REMOTE

SUMMARY

Founder of Tag-Along Ltd (TagRides) – a Lagos-based ride-sharing platform built solo from infrastructure to mobile app. Production-grade engineer working primarily in Go, TypeScript, and Electron, with Flutter across the full stack: 9 microservices, real-time MQTT location pipelines, secure desktop shells, payment integrations, native multi-platform clients, web products, and AI infrastructure.

Currently selected for Microsoft for Startups Founders Hub, Google for Startups, and in active engagement with the AWS Startups team on cloud architecture and credit allocation. Tony Elumelu Foundation alumnus and ALX Software Engineering & Ventures graduate. Available for senior contract engagements, AI/ML training data work, and high-trust freelance projects.

PROGRAMS & RECOGNITION

Microsoft for Startups — Founders Hub	ACTIVE MEMBER
Google for Startups	PROGRAM PARTICIPANT
AWS Startups	ARCHITECTURE ENGAGEMENT · IN PROCESS FOR AWS ACTIVATE CREDITS
Tony Elumelu Foundation (TEF)	ENTREPRENEURSHIP PROGRAMME ALUMNUS
ALX Africa	SOFTWARE ENGINEERING · BACKEND · VENTURES · ALUMNUS

EXPERIENCE

Founder & Lead Engineer · Tag-Along Ltd (TagRides)	2025 – PRESENT
Lagos · Solo build · Go · Flutter · Distributed systems · MQTT	
Lagos-targeted route-shared mobility platform – designed, built, and deployed solo across backend, mobile, web, and infrastructure.	
↳ Architected 9 production Go microservices behind a Kong gateway: auth, driver, geolocation, orchestrator, notification, rating, wallet, analytics, admin – plus an init bootstrap and a simulator for stress-testing the matching algorithm without live drivers.	
↳ Built real-time location pipelines on MQTT (EMQX) and Kafka, with Tile38 for geospatial proximity, PostGIS + OSRM + Valhalla for routing.	

- ↳ Engineered a clean-architecture Flutter app (Android, iOS, Web): 575 Dart files, 38 screens, BloC state management, MQTT5 streaming, Google Maps with custom marker pipelines, Paystack payments, Firebase auth, Google Sign-In with a custom web platform-view shim.
- ↳ Wrote a complete brand system (BRAND.md) – color tokens, type scale, lockups – codified across the Flutter theme and the Next.js 16 marketing site so app and web read as one product.
- ↳ Delivered Lighthouse 90+ on the marketing site with Next.js 16, React 19, Tailwind 4, Motion v12, and Lottie.

Full-Stack Product Engineer · Client commerce & property platforms 2026 · REMOTE
TypeScript · Electron · Next.js · React · Netlify

- ↳ Built Your Home Like You (yourhomelikeyou.com), a responsive property-services platform with quote capture, a validated product catalogue, policy pages, branded collateral, and deployment workflows.
- ↳ Built Hadassah Lifestyle (hadassahlifestyle.com), an owner-friendly commerce system spanning identity design, catalogue synchronization, WhatsApp-assisted checkout, operational templates, and production safeguards.
- ↳ Added a TypeScript Electron desktop shell for Hadassah Lifestyle with context isolation, sandboxing, restricted navigation, and safe external-link handling.

Solo Build — Tag-Along LLM Proxy · ai.tagrider.com 2026 · 48-HOUR SPRINT
LiteLLM · Docker · Nginx · Let's Encrypt · Azure AI Foundry

Multi-tenant LLM API gateway reselling Azure AI Foundry capacity through virtual keys.

- ↳ LiteLLM + Postgres in Docker, behind Nginx with automated Let's Encrypt rotation. Public HTTPS endpoint live at ai.tagrider.com.
- ↳ Per-buyer virtual keys with model allowlists, daily-resetting budgets, and spend tracking across Anthropic and OpenAI families.
- ↳ Diagnosed and patched upstream API edge cases at the nginx layer (header stripping for anthropic-beta values Foundry rejected) to maintain compatibility with Cline, Claude Code, and Cursor.
- ↳ Two paying-prospect keys live within 48 hours of public launch.

SKILLS

LANGUAGES

Go (primary backend), TypeScript / JavaScript, Dart, Python, SQL, Bash.

BACKEND & INFRASTRUCTURE

Fiber, gRPC, REST. Kafka, RabbitMQ, MQTT (EMQX). Postgres, PostGIS, GORM, pgx, MySQL. Redis, Tile38. Kong gateway. Docker Compose, systemd. Nginx, Let's Encrypt, Cloudflare DNS.

DESKTOP & MOBILE

Electron with TypeScript (secure browser windows, navigation controls). Flutter (clean architecture, BloC, go_router). Platform-view interop for Web. Native iOS / Android pipelines.

WEB

Next.js 14 / 15 / 16. React 19. Tailwind 3 / 4. Motion / Framer Motion. Three.js, GSAP, Lenis. Lottie. ECharts-GL.

INTEGRATIONS & AI

Paystack, Stripe, Twilio, Mailgun, Cloudinary, Google Maps, OSRM, Valhalla. OpenAI, Anthropic, Azure AI Foundry, LiteLLM proxy.

PRACTICE

Domain-driven design. End-to-end ownership: architecture → code → infra → deploy → observability. Solo shipping production systems on tight timelines.

EDUCATION

Federal University of Technology, Minna (FUTMinna)

Nigeria · Degree programme completed

ALX Africa · Software Engineering · Backend · Ventures

Tony Elumelu Foundation · Entrepreneurship Programme

WHAT I'M OPEN TO

CURRENTLY AVAILABLE

Senior contract or full-time remote engineering engagements centered on Go systems, TypeScript / Electron applications, or full-stack product delivery. Open to AI / ML training data work (Mercor, Outlier, Shipd), startup MVP builds (4-8 week sprints), and CTO-for-hire arrangements alongside continued TagRides leadership.

References, code samples, and TagRides system architecture diagrams available on request. Last updated June 2026.