ENWEDO AKAOLISA GIFT (Akaolisa Enwedo)

Full-Stack Next.js & AI Agent Engineer | Quantitative FinTech & Crypto Developer | Biomedical Systems Specialist

Availability: Remote Worldwide (UTC+1) | **Email:** akaolisaenwedo4real@gmail.com |
Whatsapp/Phone: +2348119953474 / +2348101431207
Studio: oxakalabs.xyz · oxakalabs.vercel.app | **GitHub:** github.com/Aka4real | **Live Apps:** blaireaesthetics.shop · aifycycle.vercel.app · Fortress Fleet AI

> **Freelance Value Proposition:** Founder & Lead Engineer at OXAKALABS (2022–Present) delivering production-ready SaaS web applications, autonomous LLM/multi-agent pipelines, algorithmic Forex/Crypto/HFT trading systems, and healthcare data solutions. Combines fast, full-lifecycle software delivery with rigorous empirical training as a licensed Medical Laboratory Scientist (B.MLS) and Lead Intern Coordinator managing 250+ clinical trainees.

CLIENT SERVICE PILLARS & TECHNICAL STACK

FREELANCE TRACK	DELIVERABLES, FRAMEWORKS & PRODUCTION TOOLING
Full-Stack SaaS & Cloud Web Apps	Next.js (App Router), React, TypeScript, Node.js, Tailwind CSS, Framer Motion, Supabase (PostgreSQL, RLS, Auth), REST & WebSockets, Docker, Coolify, Linux VPS Self-Hosting, Vercel, Cloudflare DNS, Resend SMTP.
AI Agents & LLM Orchestration	Multi-Agent Systems, Google Gemini API (3.8 Flash / 4 Argon), Gemma 2/4, Qwen, RAG & Vector Search (pgvector), Model Context Protocol (MCP), Local LLMs (Ollama, LM Studio), QLoRA/Unsloth Fine-Tuning, RLHF Evaluation.
Quant Trading, Crypto & FinTech	Algorithmic Trading Bots & Execution Tooling (Forex, Crypto, High-Frequency Trading / HFT), Backtesting Engines, Monte Carlo Risk Simulators, Live WebSocket Orderbooks & Tickers, Automated Yield Pipelines, Python (pandas, numpy, matplotlib), R.
HealthTech & Biomedical Science	Clinical Chemistry & Diagnostic Workflows, Laboratory Information Systems (LIS), Biomedical Data Analytics & Biostatistics, Analyzer Calibration & Quality Control (IQC/EQA), Post-Market Surveillance & Scientific Research Writing.

SHIPPED PORTFOLIO & CLIENT CASE STUDIES (OXAKALABS | 2022 – PRESENT)

PROJECT / CLIENT DOMAIN	ARCHITECTURE, TECHNICAL EXECUTION & BUSINESS IMPACT
Koridor Engine OS Logistics & Haulage SaaS	Architected an industrial digital freight network and haulage OS using Next.js App Router, TypeScript, Tailwind CSS, Framer Motion, Mapbox GL JS, Supabase, and Gemini AI for real-time fleet telemetry, automated load matching, and route dispatch.
Fortress Fleet AI Live Deployment	Built an institutional multi-agent governance platform for the Google Cloud & Devpost All Things Agentic Hackathon using Google Cloud Run, Gemini, Gemma 2, and Supabase pgvector with semantic memory and autonomous tool-use guardrails.

PROJECT / CLIENT DOMAIN	ARCHITECTURE, TECHNICAL EXECUTION & BUSINESS IMPACT
Institutional Crypto & Wealth Platform NDA FinTech Client	Engineered a full-stack cryptocurrency banking and portfolio platform featuring real-time WebSocket market ticker tapes, interactive SVG financial charts, native PostgreSQL automated yield-accrual engines, admin governance, and Resend SMTP relays.
Stitch Retail Operations OS Google Stitch Loop Cohort	Developed an end-to-end retail operations management system handling multi-store inventory, POS reconciliation, supplier workflows, and sales analytics; selected into Google's Stitch Loop Early Access program.
Quant Forex, Crypto & HFT Suites Trading Clients	Delivered custom algorithmic execution scripts, high-frequency trading (HFT) utilities, prop-firm drawdown calculators, and Python strategy backtesting and Monte Carlo simulation engines for independent traders and funds.
Production E-Commerce Builds blaireaesthetics.shop · aifycycle	Shipped fast, mobile-first commercial web applications and brand ecosystems with custom domain and Cloudflare DNS routing, automated checkout flows, and scalable cloud database backends.

PROFESSIONAL, AI TRAINING & CLINICAL LEADERSHIP EXPERIENCE

OXAKALABS — Founder, Principal Full-Stack, AI & Quantitative Engineer **Remote | 2022 – Present**

- Lead end-to-end product architecture, UI/UX engineering, database modeling, and cloud deployment for international SaaS, FinTech, retail, and AI automation clients (oxakalabs.xyz · oxakalabs.vercel.app).

Outlier.ai & OneForma — Freelance AI Trainer & RLHF Code/Reasoning Specialist **Remote | 2026 – Present**

- Evaluate, debug, and benchmark frontier LLM outputs across TypeScript/Python software engineering, quantitative mathematics, and clinical reasoning using strict RLHF quality rubrics.

Federal Medical Centre (FMC) Umuahia — Medical Lab Scientist Intern & Lead Intern Coordinator

Umuahia, Nigeria | Feb 2026 – Present

- **Leadership & Coordination:** Direct bench schedules, clinical onboarding, and workflow coordination for 100+ Medical Laboratory Science interns and supervise 150+ university students during clinical laboratory postings.
- **Diagnostics & Research:** Execute diagnostic assays and IQC/EQA calibration across Clinical Chemistry, Hematology, Microbiology, Parasitology, and Blood Banking; deliver hospital-wide seminars on PSA Screening and Clinical Toxicology (2026).

Earlier Clinical, Commercial & Public Health Experience **Nigeria | 2020 – 2024**

- **Nnamdi Azikiwe University Teaching Hospital (NAUTH), Nnewi** — *Clinical Laboratory Trainee (SIWES & Postings)* (2023–2024): Conducted biochemical, hematological, and microbiological assays and clinical data validation.
- **May & Baker Nigeria Plc, Lagos** — *Sales & Medical Representative* (2021–2022): Drove territory B2B pharmaceutical sales, medical product detailing, and hospital/pharmacy client acquisition.
- **FHI 360 (Family Health International), Uyo, Akwa Ibom** — *Public Health Field Volunteer* (2020): Supported community diagnostic screening, epidemiological field data collection, and health outreach campaigns.

EDUCATION, HACKATHONS & LANGUAGES

- **Education:** Bachelor of Medical Laboratory Science (B.MLS – Clinical Chemistry Specialization), Nnamdi Azikiwe University, Awka. *Research Thesis:* Evaluation of ATP & AMP Levels in Plasma and Serum Blood Samples (2024). *Seminar:* Gaucher's Disease (2024).
- **Hackathons & Programs (2026):** Google Cloud & Devpost All Things Agentic Hackathon · Meta VR Start Developer Competition · Devpost Build With AI & Agentic Cinema · Google Stitch Loop Early Access · Cerebral Valley & DoraHacks.
- **Languages:** English (Native/Bilingual) · Igbo (Native) · Sign Language (Conversational American Sign Language [ASL] & Nigerian Sign Language [NSL]).