

Oluwafemi Ajanaku

Fullstack Engineer (Web & Mobile) | React, React Native, Next.js & Node.js | AI Integration

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PROFESSIONAL SUMMARY

Fullstack engineer with 4+ years building web and mobile applications across fintech, developer tools, and intelligent systems. Currently delivering multiple concurrent client projects end-to-end at a software agency, contributing to \$35,000+ in client revenue through consistent on-spec, on-time delivery. Expert in React, React Native, Node.js, TypeScript, and Python, with deep experience in REST and GraphQL APIs, database modeling and query optimisation, and logging and monitoring solutions, including founding Apperio, a monitoring SaaS processing 500,000+ log events/month. A non-traditional path from animal science to software engineering built a first-principles approach and a habit of learning new stacks quickly.

TECHNICAL SKILLS

Frontend & Mobile: React.js, React Native, Next.js, TypeScript, JavaScript (ES6+), Zustand, Redux, TailwindCSS, HTML5, CSS3, Responsive Design, Web Performance Optimisation

Backend & APIs: Node.js, Express.js, NestJS, Python (FastAPI, Flask), RESTful APIs, GraphQL, WebSockets, Third-party API Integration, Microservices, Event-driven Architecture

Databases: MongoDB, PostgreSQL, Redis (Caching), Database Design & Modeling, Query Optimisation, Vector Databases (Pinecone / pgvector)

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, Git & GitHub, GitHub Actions, CI/CD Pipelines, Linux, Serverless Architecture, Logging & Monitoring

AI & ML: LLM Integration (OpenAI, Anthropic, Gemini), LangChain, LangGraph, AI Agents, MCP Servers, RAG Pipelines, Computer Vision (OpenCV, YOLO), Prompt Engineering

Testing & Practices: Jest, Unit & Integration Testing, TDD, Agile/Scrum, Code Review, Technical Documentation, Security Auditing

PROFESSIONAL EXPERIENCE

Fullstack & AI Engineer | Bles Software | Lagos, Nigeria

January 2026 – Present

- Deliver multiple concurrent client projects end-to-end across frontend, backend, AI, and fullstack disciplines at a client services agency, contributing to \$35,000+ in agency revenue through consistent on-spec, on-time delivery.
- Built MatchAI, a cross-platform React Native dating app that deploys an LLM as a real-time conversational intermediary between matched users, improving communication quality and compatibility scoring through contextual AI analysis.
- Developed Cerebro, an AI-assisted surveillance system that autonomously detects, alerts on, and records suspicious activity: trained the computer vision model and engineered both the backend processing pipeline and the React monitoring dashboard.
- Engineered automated trading systems for clients, including a gold trading bot (XAU/USD) in MQL5 with entry/exit logic, risk management, and live execution, plus a TradingView Pine Script strategy with configurable signals and backtesting output.

Founder & Lead Engineer | Apperio (apperio.dev) | Lagos, Nigeria

August 2025 – Present

- Built and launched a production-ready logging and monitoring SaaS platform processing 500,000+ log events/month, live at apperio.dev.
- Engineered a RESTful API with Node.js and Express.js featuring event tracking, a custom query language, and configurable alert rules, running at 99.9% uptime on AWS EC2.
- Designed the MongoDB schema and indexing strategy supporting sub-200ms queries across 5M+ documents.
- Integrated JWT authentication and RBAC supporting 50+ beta users; achieved 85% test coverage.

Software Engineer | Vesti | Lagos, Nigeria (Remote)

March 2025 – December 2025

- Architected and deployed 5 core features for a fintech migration platform serving 200,000+ active users globally, contributing to a 35% increase in monthly transaction volume.
- Designed a real-time webhook system integrating third-party payment notifications, processing 2,000+ events/day at 99.8% reliability.
- Reduced API response times by 40% through Redis caching and query optimisation, improving user retention by 22%.
- Led a TypeScript migration across 15+ components, reducing production bugs by 30%.
- Shipped a redesigned onboarding flow in an Agile team of 3 designers and 4 engineers, lifting conversion rate from 45% to 68%.
- Established a GitHub Actions CI/CD pipeline, cutting deployment time from 2 hours to 15 minutes.

Frontend Developer (Contract) | VendBite | Manchester, UK (Remote)

February 2024 – November 2024

- Built modular React components for event creation, ticketing, and attendee management, accelerating feature delivery across a client event platform.
- Reduced page load time by 40% via code splitting, lazy loading, and image optimisation; cut client-side bugs 60% with Zustand.
- Designed responsive TailwindCSS layouts and participated in Agile sprint planning and code reviews.

Junior Developer | LykDat | Amsterdam, Netherlands (Remote)

August 2022 – December 2023

- Developed responsive React/TailwindCSS components for a customer-facing dashboard used by 500+ clients.
- Migrated a legacy codebase to modern standards and resolved 40+ cross-browser bugs.

SELECTED PROJECTS

Apperio | Developer Logging & Monitoring SaaS, live at apperio.dev | *Node.js, Express, MongoDB, React, Next.js, Docker, AWS*

- Real-time log streaming, a custom query builder with 10+ operators, and configurable alerting; deployed on AWS EC2 with 99.9% uptime.

Apperio SDK | Full-Stack Application Monitoring Toolkit | *Node.js, TypeScript, Express, MongoDB*

- Plug-and-play SDK for Next.js, Express.js, and NestJS capturing logs, metrics, and exceptions in real time with context-based tracing; reduces setup time by 70%; 50+ open-source commits.

MatchAI | AI-Mediated Mobile Dating App | *React Native / React, Node.js, LLM APIs*

- LLM deployed as a real-time conversational intermediary between matched users, improving communication quality and compatibility through contextual analysis.

Basicons | Open Source Icon Package for Product Designers | *React, Node.js, Storybook, Figma Plugin*

- 800+ WCAG-compliant SVG icons with React and Figma plugin integrations and a custom build pipeline exporting to React components, raw SVGs, and web font packs.

EDUCATION & CERTIFICATIONS

Backend Software Engineering Specialisation | ALX Africa / Holberton University | 2024

B.Tech, Animal Production & Health | Federal University of Technology Akure (FUTA) | 2021

AWS Certified Cloud Practitioner (In Progress, Expected Dec 2026) | **JavaScript Algorithms & Data Structures** FreeCodeCamp, 2022

ADDITIONAL

Languages: English (Fluent), Yoruba (Native) **Availability:** Immediate **Time zone:** WAT (UTC+1), comfortable overlapping with US business hours