

Arnold Omwoha Lupamo

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PROFESSIONAL SUMMARY

Fullstack Software Engineer with hands on experience web and mobile applications. Strong collaborator with proven success working in team environments to build scalable, user-centric solution. Passionate about writing clean, maintainable code and staying up to date with frontend development best practices.

LANGUAGES & TECHNOLOGIES

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS

Frontend: React, Next.js14, React Native (Expo), Tailwind CSS

Backend: Node.js, Express.js, FastAPI, Symfony (PHP)

Databases: MySQL, PostgreSQL, Redis

API & Auth: REST API design, JWT, NextAuth v5, Prisma ORM, CRUD patterns

Infra & Tools: Git, GitHub, Gitlab, Figma, Docker, Celery, Railway

WORK EXPERIENCE

Software Engineer Contractor | Onsite – Ailian Medical System Jan – March 2026

- Designed and deployed Ailian Medical System’s first ever company website from scratch using Next.js14 and React, delivering a professional clinical-grade web experience where none previously existed and establishing the company’s credibility in the laboratory market.
- Accelerated full project delivery, from design to production, configuring domain to Vercel DNS pipeline and integrating a WhatsApp lead capture widget, enabling client to go live and begin receiving inbound enquiries within contracted timeline.

Software Engineering Intern | Remote – Wikimedia Foundation June – August 2025

- Developed an interactive web-based puzzle game for the Future Audiences initiative, aimed at increasing engagement with Wikipedia content among new global users.
- Conducted structured user testing sessions, analyzed feedback and iterated on game mechanics and UI behaviors to improve clarity usability and overall experience.
- Collaborated with engineers, product managers and design staff across time zones, contributing ideas and implementing improvements aligned with project goals.
- Applied modern frontend development practices to ensure accessibility responsiveness, and performance across various devices and browsers.

Frontend Engineer | Remote – Moniewise February – May 2025

- Built a responsive dashboard layout using Tailwind CSS breakpoints, ensuring financial tracking views are rendered consistently across mobile, tablet and desktop screen views.
- Built interactive financial charts and data visualization components with React, translating raw budget analytics into clear, scannable UI that improved how users interpreted their financial activity,
- Collaborated with product and design teams to refine feature requirements, purpose UX improvements and align the interface and improved maintainability.

Cashier | Onsite – Popeyes Fast Food**2021 – 2023**

- Managed daily cash operations, including opening and closing procedures.
- Delivered clear, friendly, and professional customer support, consistently resolving issues and maintaining positive guest experiences.
- Managed daily cash handling tasks, including register balancing, opening and closing procedures, and reconciliation of discrepancies.
- Assisted with inventory checks and stock replenishment to maintain product availability and reduce service delays.
- Upheld strict hygiene, safety, and operational standards, contributing to a clean, organized, and compliant work environment.

EDUCATION

African Leadership Experience (ALX) | Software Engineering**2023-2024**

Completed intensive, project-driven curriculum covering full-stack development, algorithms, and systems programming working on real world projects.

Codecademy | Web Development & JavaScript**2022 – 2023****KEY PROJECTS**

Arnold's Daily (React Native / Expo / Node.js)

- Built a cross-platform productivity app with Expo Router and React Navigation, overcoming Expo CLI build errors and Railway deployment challenges to release a functional Android APK
- Implemented persistent local state with SQLite backend, reducing cold-start data load time through optimistic UI rendering patterns.

Notion OS (Python, Notion MCP, Fast API, Langraph, Groq Llama 3.3)

- **Developed a multi-agent AI pipeline** to eliminate "morning context tax" by synthesizing data from GitHub, Gmail, and Google Calendar into structured, actionable Notion databases using Notion MCP.

Game-Trade (TypeScript, Next.js, Postgres, Prisma)

- Architected and developed a full-stack P2P marketplace enabling gamers to list, discover and trade used physical games within a localized community