

DANIEL OTOO

Full-Stack Engineer

Accra, Ghana

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PROFILE

Full-stack engineer with 5+ years of experience building high-performance web and mobile applications. Specialized in modern JavaScript/TypeScript ecosystems, scalable architectures, real-time systems, and cross-platform app development. Proven ability to lead engineering teams, deliver products from concept to production, and ship complex features under tight deadlines. Passionate about clean architecture, developer experience, automation, and building products that scale.

CORE SKILLS

Frontend: React.js, Next.js, React Native, Vue.js, Tailwind CSS, Zustand, TanStack Query

Backend: Node.js, Express.js, Next.js API routes, Java (Spring/Spring Boot)

Languages: TypeScript, JavaScript, Java

Databases: PostgreSQL, MySQL, MongoDB, Oracle, SQL Server, Convex

Tools & Services: Firebase, Supabase, Ably, Cloudflare, Paystack, Clerk, Docker, Coolify

Other: Git, Agile/Scrum, CI/CD (GitHub Actions), REST APIs, Real-time Communication, Documentation, Testing

EXPERIENCE

PrimeStrategy Ghana Ltd — Lead Full-Stack Engineer

Aug 2025 – Dec 2025

Project: Styleo — Beauty & Salon Services Booking Platform (Web, Android, iOS)

- Led a 4-person engineering team and served as principal architect and main developer for Styleo, delivering a full multi-platform booking platform in **3.5 months**.

- Designed the entire system architecture and selected the tech stack (Next.js, TypeScript, Convex, Clerk, Paystack, Docker, Coolify, Cloudflare).

- Built the full backend including authentication, booking logic, vendor onboarding, service management, KYC flows, blocking/unblocking systems, and vendor

promotion/featured listings.

- Developed the **Admin Panel**, **Vendor Dashboard**, and major components of the mobile app using React Native.
 - Proposed and implemented a complete **KYC verification workflow**, including automated compliance checks and admin overrides.
 - Built a vendor featuring and promotion system enabling admins to give free promotional slots for marketing campaigns.
 - Set up **CI/CD pipelines (GitHub Actions)**, containerized services with Docker, and deployed to a custom Coolify server.
 - Managed daily standups, weekly sprints, task estimates, and reassignment of responsibilities when two developers couldn't meet requirements.
 - Wrote developer documentation, performed code reviews, and implemented integration tests.
 - Successfully launched the MVP on **Dec 5th, 2025**, including web, Android, and iOS apps.
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Moonsquare Ltd — Software Developer

Dec 2023 – Dec 2025 (Remote)

- Develop web and mobile applications using Next.js, React.js, and React Native.
 - Implement responsive interfaces following UI/UX best practices.
 - Maintain high code quality through clean architecture, reusable components, and documentation.
 - Collaborate with cross-functional teams and deliver production-ready features.
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Tagg — Frontend Developer

Dec 2023 – Dec 2024 (Remote)

- Built and maintained web (Next.js) and mobile (React Native) apps for Vicdade.
 - Integrated Ably for real-time interactions, improving responsiveness and user engagement.
 - Optimized performance across both platforms, reducing load times and improving user experience.
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Accra Lions FC — Frontend Developer (Freelance)

Jun 2024 – Dec 2024 (Remote)

- Developed the official Accra Lions FC website using Next.js and Tailwind CSS.
- Used Zustand for state management and TanStack Query for optimized data fetching.
- Integrated Framer Motion to deliver smooth, modern UI animations.

- Delivered a mobile-first responsive site that improved fan engagement and brand presence.
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Accolm — Full-Stack Developer

Mar 2021 – Feb 2024 (Remote)

- Improved the Business Activity Monitor (BAM) platform by enhancing Vue.js interfaces and optimizing backend workflows.
 - Built and maintained enterprise Java/Spring backend features.
 - Migrated and optimized queries across MySQL, SQL Server, Oracle, and PostgreSQL databases.
 - Ensured security, high performance, and scalable data operations.
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DDamoah Studios / 300 Million Legacy LLC — Frontend Engineer (Contract)

Jan 2025 – Jun 2025 (Remote)

- Built an open-source Apple TV UI clone and integrated it into a 3D interactive showcase using React and Three.js.
 - Implemented realistic TV screen simulations with GLB models in a 3D environment.
 - Collaborated with design and creative teams to deliver a polished digital product for “Dom & Larry.”
 - Recognized internationally through the **2024 W³ Awards (Silver Winner)**.
 - Created and published the **react-apple-tv-card** open-source library, now used for interactive Apple TV-style card animations.
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EDUCATION

Valley View University — BSc in Information Technology
2018 – 2022 (Second Class Upper)

EXTRACURRICULAR PROJECTS

Adventist Hymnal App

- Built a hymnal app featuring hymns in 8+ languages with **40,000+ installs** on Google Play.

- Implemented search by title, category, and hymn number with bookmarking and favorites.
- Designed for both mobile and tablet, improving accessibility for church services.
- Contributed to preserving Adventist musical heritage through technology.