

Samuel Emakenemi

Software Engineer & AI Integration Specialist

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PROFILE

Software engineer with 3+ years of experience building full-stack web applications using React, Next.js, and TypeScript. Specialise in integrating AI features -- streaming interfaces, multi-persona chat systems, and Claude API -- into production-grade products deployed on Vercel. Available for remote freelance projects and full-time roles.

TECHNICAL SKILLS

Primary	JavaScript, TypeScript, React, Next.js, Tailwind CSS
AI & APIs	Claude API, Vercel AI SDK, OpenAI API, RESTful APIs
State & Data	Zustand, Supabase (PostgreSQL)
Familiar	Python, React Native, Expo, Git, Figma, Vite
Soft Skills	Problem-Solving, Adaptability, Communication, Team Collaboration

EXPERIENCE

Freelance Full-Stack Developer

Upwork | Feb 2024 - Present | Remote

- Shipped 5+ client projects end-to-end using Next.js, React, TypeScript, and Supabase -- including an AI content dashboard, an e-commerce storefront, and an AI chat interface now live in production.
- Engineered real-time data features, user authentication, and dynamic routing, reducing client onboarding time by an estimated 30%.
- Integrated Claude API and Vercel AI SDK to build AI-powered streaming features for SaaS clients, cutting average feature delivery time significantly.
- Built and integrated RESTful APIs connecting front-end interfaces to PostgreSQL databases, enabling seamless data flow across all layers.
- Automated a key business process for a client, saving 10+ hours of manual work weekly and improving operational efficiency.

Compliance Analyst

Oritsetimeyin Logistics Limited | Apr 2023 - Dec 2023 | Lagos, Nigeria

- Monitored real-time data for 200+ vehicles using GPS tracking software, contributing to an 18% increase in on-time deliveries.
- Designed automated geofencing parameters that boosted operational efficiency by 15% and reduced fuel costs by 10%.
- Generated actionable reports for senior management, aiding a 20% improvement in decision-making and resource allocation.

Junior Front-End Developer

HIIT PLC | May 2021 - Oct 2021 | Lagos, Nigeria

- Developed client-side features with HTML, CSS, and JavaScript, resulting in a 20% increase in user interaction.
- Collaborated across front-end and back-end teams to ensure efficient data flow and improved delivery timelines.

PROJECTS

ContentAI -- AI Content Dashboard [Live demo](#)

Tools: Next.js 14, TypeScript, Tailwind CSS, Claude API, Vercel AI SDK, Zustand

- Built a SaaS-style dashboard where users generate blog posts, emails, ad copy, and LinkedIn posts via streaming Claude API responses -- deployed on Vercel with zero production errors at launch.
- Engineered 4 tone modes and 4 content formats using distinct system prompts; implemented localStorage persistence for full generation history with search and export.
- Secured all API calls server-side via Next.js API routes, keeping the Anthropic key unexposed to the client -- a production security requirement.

Lumiere -- Premium Skincare E-Commerce Storefront [Live demo](#)

Tools: React 18, TypeScript, Tailwind CSS, React Router v6, Zustand, Vite

- Designed and built a fully responsive 6-page storefront (homepage, listing, product detail, cart, checkout, wishlist) achieving a 98 Lighthouse performance score.

- Implemented product filtering, price range controls, persistent cart with promo codes, and a 2-step checkout with full form validation.
- Engineered hover image zoom, quick-add to bag, skeleton loading states, and wishlist with localStorage persistence -- all without a backend.

Synth -- AI Chat Interface [Live demo](#)

Tools: Next.js 14, TypeScript, Tailwind CSS, Vercel AI SDK, react-markdown, Zustand

- Built a production-grade AI chat app with 4 distinct personas (assistant, code expert, creative writer, analyst), each driven by purpose-built system prompts.
- Implemented real-time streaming with animated cursor, syntax-highlighted code blocks with copy button, abort-generation control, and searchable conversation history.
- Built an embed demo showing the chat widget as a floating overlay inside a mock SaaS dashboard -- directly demonstrating integration value to prospective clients.

VESPA -- Social Marketplace for Africa

Tools: React Native, Expo, Supabase (PostgreSQL), Git

- Architected a full-stack mobile app with real-time chat, live social feed, and proximity tracking ("X km away") using React Native and Supabase.
- Shipped a production MVP prioritising social feed, real-time messaging, and image upload -- in active development.

EDUCATION

Bachelor of Science in Computer Science

Anchor University, Lagos, Nigeria | Graduated Aug 2022

CERTIFICATIONS

Meta Front-End Developer Professional Certificate -- Coursera (Meta) · 2024

Android Mobile Application Development -- New Horizon · July 2022

Diploma in Website Design -- HIIT PLC · October 2021