John Graham

Fullstack engineer and startup CTO · Accra, Ghana

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SUMMARY

Fullstack engineer based in Accra. I have led engineering at three startups and shipped with teams in the US, Israel, and the UAE, across fraud detection, industrial security, logistics, church software, and Web3.

EXPERIENCE

CTO and Cofounder

Jan 2026 to Present

Kredentic · Accra

Cofounded an applied AI and ML lab that builds research backed products for enterprises in agriculture, logistics, financial services, healthcare, and mining.

- Lead engineering from research to deployed product, wiring models into the systems and approval steps enterprise teams already use.
- Built WatchTower, the lab's brand protection product: a Python service that scans Google Maps across active districts through SerpApi and catches impersonation listings before customers are harmed.
- Designed WatchTower's confidence score, which combines phone number checks, fuzzy name matching with RapidFuzz, and Google's own verification status to keep false positives low.
- Built automated evidence collection with Playwright and Supabase Storage, producing timestamped screenshots businesses attach directly to Google takedown requests.
- Wired WhatsApp alerts through Twilio so owners hear about a suspicious listing within minutes, instead of from an angry customer.
- Shipped the WatchTower marketing site in Next.js and TypeScript, and its dashboard for verified branches, scan history, and incident tracking.

Founder

Jan 2025 to Present

ShepherdCircle · Accra

Building a church management app for churches in Ghana: members, attendance, groups, and giving in one place.

- Designed and built the full product on Next.js, tRPC, and Supabase Postgres, with Auth.js for sign in, Resend for email, and Sentry for error tracking.
- Shipped QR self check in for Sunday services, with an expiring service code and a live attendance count, so the report is ready by the end of the service.
- Built finance tracking for giving and expenses by category, with access scoped so each department sees only its own part of the money.
- Moved subscription billing to Paystack card payments priced in cedis, with webhook idempotency so failed or out of order payment events never change a church's plan.
- Set up short links on every flyer, banner, and video so each signup is traced back to the material that brought the church in.

Senior Frontend Developer

Nov 2023 to Present

SigaSec · Israel

Modernizing legacy codebases and building modular UI components for an OT cybersecurity platform.

- Redesigned and modernized legacy codebases so they are easier to maintain and scale.
- Built modular component libraries in Vue.js that standardize UI development across several projects.
- Worked with teams across the company to design and ship new app features in JavaScript and CSS.
- Turned wireframes into responsive layouts that stay consistent across devices.

Senior Fullstack Engineer

2024 to 2025

Web3 Accelerators · Dubai, UAE

Built and maintained web products for a Dubai digital marketing agency serving Web3 clients across influencer marketing, community growth, and analytics.

- Built and maintained client websites and campaign landing pages.
- Developed internal tools and dashboards to track performance across influencer campaigns, KOL networks, and community growth work.
- Owned the analytics and reporting setup, turning campaign data into the insights the team used to make decisions for clients.
- Worked with the founder and marketing leads to scope and deliver the web side of client engagements, from first brief to launch.
- Kept technical delivery on track across more than 74 partner projects, so client builds shipped on time and met the bar a high profile portfolio demands.

CTO and Cofounder

Apr 2021 to Present

Lastmal Technologies Ltd · Accra, Ghana

Leading technology and product development in logistics and supply chain.

- Contributed to a 75% increase in user engagement by building responsive interfaces in Vue.js.
- Integrated a PHP and Laravel backend, reducing error rates by 20%.
- Implemented RESTful APIs, improving data processing time by 30%.
- Led a team of three engineers through four successful products.
- Built WooCommerce integration plugins that sync merchant websites with the platform.
- Ran regular code reviews, cutting bug reports after release by 25%.

Flutter Developer

Sep 2022 to Feb 2023

Vyb Dating · San Francisco, USA

Built a dating app for Android and iOS.

- Led development of the Vyb Dating mobile app in Flutter for Android and iOS.
- Delivered quality code against tight deadlines for a successful launch.
- Implemented industry standard authentication to protect user data and privacy.
- Built a fast, responsive chat feature.

Frontend Web3 Developer

Jan 2022 to Sep 2022

Metrix Capital · USA (Contract)

Contributed to several Web3 projects and optimized their codebases.

- Built Web3 components with React, Nuxt, JavaScript, TypeScript, and Tailwind CSS.
- Revived and optimized an abandoned codebase, cutting load times by 50%.
- Optimized a Web3 codebase to improve public API performance by 45%.
- Debugged quickly and thoroughly to keep the environment secure and bugs short lived.

React Native Developer

Dec 2019 to Dec 2020

Owatech Innovations · West Hills, Ghana

Built a mobile app for the Pentecost Youth on Android and iOS.

- Developed the Pentecost Youth app for iOS and Android with React Native and Firebase.
- Kept performance and security high, reducing app crashes by 25%.
- Contributed technical input in product design meetings.
- Kept up with new technology to keep the app competitive.

Fullstack Developer and CTO

Aug 2018 to Dec 2019

Forhey Technologies · East Legon, Ghana

Maintained legacy systems and led development of new platforms.

- Maintained legacy systems, reducing downtime by 20%.
- Led development of a Partner Visibility Portal, increasing client satisfaction by 25%.
- Designed an internal workspace platform, increasing team productivity by 30%.
- Promoted from junior developer to CTO.

SKILLS

Frontend	TypeScript, React, Next.js, Vue.js, Nuxt, Tailwind CSS, PrimeVue
Backend	Node, NestJS, tRPC, Laravel, PHP, Python
Data	PostgreSQL, Supabase, MongoDB, Redis, Prisma, Firebase
Mobile	Flutter, React Native
Tooling	Git, Bun, Playwright, Sentry, Cloudflare, Docker

EDUCATION

BSc Information Technology

2018

University of Cape Coast · Cape Coast, Ghana