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Divine Anum, Senior Software Engineer

Skilled engineer with 5+ years of experience building high-quality web solutions across healthcare, education, transportation, real-estate and nonprofit sectors. Strong frontend expertise complemented by backend capabilities, with a proactive approach to problem-solving and cross-functional collaboration.

RELEVANT EXPERIENCE

Frameshare,(Independent project) - *Fullstack Engineer*

DECEMBER 2024 - PRESENT

- Architected a full-stack Figma plugin using React, implementing a decoupled architecture that isolates UI from core logic via IPC (Inter-Process Communication) to ensure high performance and secure data handling.
- Engineered a scalable AWS & PostgreSQL backend to manage high-fidelity asset transfers; utilized S3 Presigned URLs to facilitate secure, direct-to-storage uploads and downloads, reducing server overhead.
- Developed a granular sharing protocol using tokenized access for specific frames and slices, allowing users to share design components without exposing the underlying source files.
- Designed an ephemeral data lifecycle where all shareable tokens and assets are automatically purged after 24 hours, enforcing a zero-persistence privacy policy.
- Successfully grew the tool to **90+** users via the Figma Community, optimizing the smart import logic to maintain 100% fidelity for complex design properties.

Refyna AI, Remote - *Co-Founder & Fullstack Engineer*

JANUARY 2026 - JULY 2026

- Built a responsive design-learning web interface featuring an AI screenshot audit tool, image annotations, customizable quiz setups, interactive timers, and a unified learner analytics dashboard.
- Architected an AI-powered visual audit feature letting users upload UI screenshots via presigned S3 URLs and engineered real-time streamed AI feedback with interactive, severity-coded image annotations and persistent conversational chat history.
- Designed a TypeScript/Node.js (Express) REST API backed by Supabase with PostgreSQL, enforcing strict request validation, row-level security policies, JWT refresh/auth context, and OpenAPI docs.
- Built an automated content pipeline leveraging text embeddings to extract design principles from web sources, generate quiz material, and run self-correcting validation routines to eliminate broken questions.

- Launched and scaled the platform to 40+ users, supporting adoption across its AI-powered design auditing and gamified learning features.

La Ruche Health, Remote(Part-time) - *Senior Frontend Engineer*

JUNE 2023 - NOVEMBER 2025

- Led the development of a multilingual EMR system from scratch using React and i18next, designing a domain-based architecture to deliver 50+ complex pages and collaborating closely with designers and backend engineers to translate healthcare workflows into clean, scalable interfaces.
- Designed and implemented role-based access control at the UI layer, tailoring workflows and data visibility for doctors, nurses, and administrative staff to ensure compliance and reduce interface complexity.
- Introduced a query key factory pattern for React Query to standardize cache keys across the application, preventing collisions and improving cache invalidation consistency as the product scaled.
- Built a high-fidelity video consultation platform using Agora, enabling secure, real-time communication between doctors and patients, similar to Google Meet.
- Engineered a multilingual patient-facing appointment booking platform with React, optimized for conversion, international usability, and seamless handoff to the company's mobile app; scaled to **2,700+** weekly visits during peak months and supported international payments.
- Rewrote the booking platform from a client-rendered React SPA to Remix to enable server-side rendering and dynamic Open Graph metadata per doctor profile, significantly improving social media link previews and increasing referral-driven engagement.
- Supervised a junior engineer, guiding contributions and code reviews across multiple codebases and helping them successfully deliver a standalone analytics dashboard.
- Contributed significantly to the success of multiple product launches, helping the company secure over **$160,000** in grants and awards, participate in VivaTech Paris 2024 as one of the most promising startups selected by Ivorian authorities, and win the **2025 Galien Prize Africa** in **3** categories: Best Pharmaceutical Product, Best Traditional Therapy Product, and Best Biotechnology Product.

EDUCATION

University of Ghana - *BSc Computer Science*

2018 - 2022

TECHNICAL SKILLS

React, React Router/Remix, Typescript, Sass, Tailwind, Styled components, GSAP, React Query, Graphql, Zustand, NodeJs, Express, Figma, Git, GitHub, MongoDB, Postgres, Supabase, Strapi, Vercel, Fly.io, Prisma, Sanity.

SOFT SKILLS

Technical communication, Agile team collaboration, User-centric thinking, Fast learning, Adaptability, Ownership & accountability, Analytical problem solving, Comfortable with ambiguity.