ADRIAN UKWUNNA

FULL STACK ENGINEER

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PROFILE

Highly driven Full Stack Software Engineer with 6+ years building high-traffic, SEO-optimised web platforms using React, Next.js and Vue.js. Proven track record boosting user sign-ups by 4,900% and driving 400K+ monthly impressions through performance-focused UI and modern search integrations. Combines hands-on coding expertise with clear stakeholder communication and a passion for continuous improvement to deliver robust, user-first applications that scale.

SKILLS

Frontend: JavaScript, TypeScript, HTML/CSS, React, React Native (Mobile), Next.js, Vue.js, Tailwind CSS, Material UI, Shadcn/ui, GSAP, Three.js
Backend: Node.js, Express.js, REST APIs, WebSockets, Zustand, Firebase, SQL, MySQL, PostgreSQL, Supabase, MongoDB, Python
Tools & Platforms: Git, Bitbucket, Google Cloud Platform, Docker, Vercel, Netlify, Figma, Adobe XD, InVision, Stripe, Contentful, Algolia, Linear, Retool, Google Tag Manager, Mailchimp, SendGrid, Zapier, JIRA, Miro, Trello
Testing: Jest, Cypress, Playwright

PROFESSIONAL EXPERIENCE

Silicon Milkroundabout & theround, London, UK   **Feb 2023 - Present**
Full Stack Sofware Engineer / Frontend Engineer

- Maintained and enhanced the Silicon Milkroundabout website utilising Node.js for both frontend and backend API development, ensuring optimal performance during high-traffic event periods.
- Developed and maintained a React-based jobs board platform for TheRound with advanced Algolia search integration, enhancing job discovery experiences for thousands of monthly users.
- Built complex user onboarding systems that increased user sign-ups by 690% to 4,900%, implementing comprehensive Supabase authentication with social login functionality and focusing on user experience.
- Configured and maintained database infrastructure across MySQL and PostgreSQL systems on Google Cloud Platform, developing type-safe data schema validations using Zod libraries.
- Implemented comprehensive analytics solutions using Google Tag Manager, achieving 19.5K monthly clicks and 409K impressions through strategic SEO optimisation and continuous improvement.
- Implemented automated testing strategies using tools such as Jest, Cypress, and Playwright to cover critical user flows, improving application stability and reducing regressions before major event launches.
- Applied UI/UX principles to design and develop user-friendly web interfaces, enhancing overall user experience.
- Proficiently utilised various design tools such as Figma and InVision to translate complex concepts into intuitive and effective web designs.
- Applied project management tools such as Linear and Miro to organise sprints, visualise user journeys, and coordinate resources across complex web development initiatives, improving delivery predictability and team alignment.
- Deployed containerised applications using Docker and Git, managing code versions and collaborative workflows via source control systems on GCP virtual machines with scaling capabilities during high-traffic event periods.

CodeGenie.dev, London, UK   **Jan 2018 - Present**
Web Developer & Technical Consultant

- Oversee and executively manage a technical freelancing service that empowers small businesses with dynamic, interactive websites optimised for high traffic, high growth, and simple user experience, ensuring adherence to the SDLC.
- Implemented AI automation solutions to streamline small business workflows, automating repetitive tasks and enhancing operational efficiency through intelligent system integrations and process optimisation, demonstrating strong problem-solving skills.
- Built 25+ responsive web apps in React, JavaScript, HTML/CSS, Shopify, and others tailored to the clients' needs, focusing on user experience.
- Integrated payment processing systems including Stripe for secure e-commerce functionality, enabling clients to process online transactions and manage subscription-based services.
- Demonstrated ability to work independently on complex web development projects, delivering high-quality results.
- Generated £3000+ within first 5 months after tremendously positive feedback and high client retention.

SELECTED PROJECTS

CV Engine | React Router v7, TypeScript, Vite, TailwindCSS, PuterJS, Zustand

- Developed an AI-powered CV optimisation tool that leverages artificial intelligence to help job seekers optimise their CVs for Applicant Tracking Systems (ATS).
- Implemented intelligent feedback systems for CV content, structure, and keyword optimisation, helping users increase their chances of landing interviews through modern React architecture.

Xoom (Video Conferencing Platform) | Next.js 14, React 18, Stream Video SDK, Clerk, Shadcn/ui

- Created a comprehensive Zoom-style video conferencing web application featuring secure Clerk authentication, personal meeting rooms, and pre-join device setup.
- Built robust in-call experiences with multiple layouts, participant management, call statistics, and seamless video streaming capabilities through Stream's Video SDK.

Frontrow Movies | React 17, Redux Toolkit, Material UI, TMDB API, Alan AI

- Engineered a modern movie discovery application integrating The Movie Database (TMDB) API for real-time movie data, cast details, trailers, and personalised recommendations.
- Implemented advanced features including voice-controlled navigation via Alan AI, user authentication with personalised watchlists, dark/light mode themes, and sophisticated filtering by genres.

You TV (YouTube Clone) | React 18, React Router v6, Material UI, YouTube v3 API

- Developed a responsive video streaming application with category-based feeds, keyword search functionality, video playback, and channel pages.
- Integrated YouTube v3 API via RapidAPI for real-time video data, implementing comprehensive video browsing and discovery features with Material UI components.

EDUCATION

London Metropolitan University, London, UK
Bachelor of Arts, Music & Media Management, May 2011

CERTIFICATIONS

- Javascript Bootcamp Completion
- Shopify Development Certificate