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David McCaig

About Me:

I'm a Front-End Software Developer who thrives on creativity, teamwork, and building user experiences that truly shine. My process begins with curiosity and a data-driven approach—for every feature I build, I bring a handful of actionable ideas to the table to support informed and impactful decisions. Whether prototyping in Figma or writing clean, efficient code, I'm all about making the process as seamless and enjoyable as the product itself.

Outside of coding, you can often find me racing down mountain bike trails, experimenting with new sounds on my synthesizers, or walking with my Australian Shepherd, Ariel. I'm currently reading *Refactoring UI* by Adam Wathan and Steve Schoger—it's fueling my obsession with building beautiful, intuitive designs.

Work Experience

Software Developer   **Mortle**   **Aug 2024–Present**
Development team   Christchurch, New Zealand

- Designed and developed an app for an end of life planning startup using Next.js, Supabase, TypeScript, SQL, Mixpanel and Figma.
- Implemented an iterative design approach to efficiently design features using Figma, and developed and refined them based on user feedback and analytics to deliver a user-centered experience.
- Contributed to selecting the tech stack for the application to ensure scalability and performance, and designed a robust database using Supabase and PostgreSQL to enable efficient data management.

Full-stack Software Developer   **Chance Voight**   **May 2024 - Nov 2024**
Development team   Christchurch, New Zealand

- Designed and Built software for a fintech company using Typescript, Next.js, Tailwind, Supabase and Figma.
- Implemented lazy loading on videos, reducing page load time and improving the Lighthouse performance score by 10%.
- Redesigned the "Contact Us" page, boosting the Lighthouse accessibility score by 5%, improving user experience and search engine rankings.
- Worked closely with the marketing team, general manager, and CEO, utilizing Agile methodologies to drive the design, development and maintenance of web applications, ensuring alignment, consistency and efficient project delivery.

Education and Certifications

- **Diploma in Software Engineering,Brainstation**, Toronto.   **Oct 2022 - Dec 2022**
- **Certificate in Front Web Development,** Code Academy.   **June 2022 - Oct 2022**

Technical Skills

- **Front-End:** Javascript, TypeScript, Next.JS, React , Tailwind, Figma, Redux, Formik, Axios, , HTML5, CSS, SASS
- **Back-End:** Node JS, Express JS, MySQL, KNEX, Socket.IO, Firebase, Supabase, Web APIs
- **Tools, Platforms, workflow and testing:** GitHub, Gitflow, MixPanel, Agile, Heroku, Netlify, Jira, Jest, Postman

Projects

Full Stack Developer | EvenShare

Oct 2023, Personal project

- Technologies: TypeScript, React, Redux, HTML, CSS, Tailwind, Formik, Chart.js, Firebase
- EvenShare is a user-friendly application designed to streamline the process of splitting expenses with others.
- Improved application performance by using RTK Query for data caching, resulting in a decrease in load times and

fewer Firebase requests.
- Implemented pagination to enhance user experience, optimize server performance, and ensure efficient data retrieval, leading to quicker load times.