David McCaig

https://davidmccaig.dev/ https://www.linkedin.com/in/david-mccaig/

About Me:

Results-driven Front End Developer with a passion for building high-performance, user-focused web applications. With experience in React, TypeScript, Tailwind CSS, and Next.js, I specialize in creating scalable, accessible, and responsive UIs that enhance user experience. My background includes working in fast-paced startup environments at Chance Voight and Mortle, where I played a key role in designing and optimizing fintech and SaaS platforms. I excel at collaborating with cross-functional teams, bridging the gap between design and development, and implementing data-driven improvements using analytics. I take pride in writing clean, maintainable code and building seamless, efficient interfaces that follow WCAG accessibility best practices.

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 Javascript, TypeScript, Next.js, Tailwind CSS, Shadcn (Radix UI), Supabase, SQL, Mixpanel and Figma.
- Implemented Mixpanel analytics to track user interactions from the landing page through onboarding and login, allowing me to stitch together the complete user journey. This provided valuable insights into drop-off points, enabling me to refine the onboarding process and improve user retention through data-driven design decisions.
- Resolved a caching issue between Next.js and Supabase by implementing a custom solution, ensuring faster page loads and reducing database queries. Since Next.js relies on an SDK with method calls instead of fetch, I optimized data retrieval to improve performance.

Full-Stack Software Developer

Chance Voight

May 2024 - June 2024

Development team

Christchurch, New Zealand

- Designed and built fully responsive software for a fintech company using Javascript, TypeScript, Next.js, Tailwind CSS, Supabase, and Figma.
- Redesigned the "Contact Us" page, boosting the Lighthouse accessibility score by 5%, improving user experience and search engine rankings.
- Implemented lazy loading on videos, reducing page load time and improving the Lighthouse performance score by 10%
- Facilitated smooth collaboration between developers and non-technical teams, ensuring alignment on design, functionality, and project goals.

Education and Certifications

• Diploma in Software Engineering, Brainstation, Toronto.

Oct 2022 - Dec 2022

Technical Skills

- Front-End: Javascript, TypeScript, Next.JS, React, Tailwind, Figma, Redux, Formik, Axios, HTML5, CSS, SCSS, Shadon
- Back-End: Node JS, Express JS, SQL, KNEX, Socket.IO, Firebase, Supabase
- Tools, Platforms, workflow and testing: GitHub, Git, MixPanel, Agile, Heroku, Netlify, Jira, Jest, Postman

Projects

Full Stack Developer | EvenShare

Oct 2023, Personal project

Technologies: TypeScript, Javascript, 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 Redux for state management and 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.