CURTIS ADAMS

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PROFILE

As a Creative Developer, I combine skills from web development and design to deliver expertise in building user interfaces. My multi-disciplinary approach means that I can not only work independently, but also bridge the gap between design and engineering teams. In my current role, I have successfully applied these skills to develop a checkout system which demanded complex engineering and user experience solutions.

EDUCATION

Waikato Institute of Technology   Hamilton
Bachelor of Applied Information Technology   *July 2016 – June 2019*

EXPERIENCE

Front End Developer   Hamilton
Shift72   *Aug 2020 - Aug 2022*

- Developed responsive and configurable navigation for the platform with smooth transition animations.
- Developed an API in Ruby on Rails, which involved writing migrations, validation, unit tests, and assessment criteria. Also helped design the API and database schema.
- Built custom sites for clients. This involved scoping the work based on client requirements, collaborating with the design team, communicating with external developers to integrate their work, and meeting strict deadlines.
- Upgraded the Shift72 platform to meet WCAG 2.0 accessibility standards. The work included adding semantic HTML, keyboard navigation, and skip links.

Intermediate Front End Engineer   Wellington
Arlo Training Management Software   *Apr 2024 - Present*

- Built the foundations of a new checkout system. I established the architecture, initializing the Svelte 5 project and configuring the development environment with TypeScript, Tailwind, Melt UI, Vitest, and PNPM workspaces. I also implemented the MVVM design pattern to structure communication between application layers.
- Designed and developed a datepicker using the Melt UI library for Svelte. I extended the functionality of the library builder to include date and year filters. In addition, I incorporated the calendar into the dynamic form system.
- Created a sessions feature for the checkout system which allowed users to choose what sessions to attend for a particular course. The work touched many parts of the front end architecture including writing multiple API calls, updating the cart state, and building a selectable card component.

PROJECTS

Portfolio | *React, SASS, email.js*   Apr 2023 – Present

- Fetched and rendered text and other data dynamically from a JSON file. Allowed for separation of concern as the data is decoupled from the view. Combined with reusable components, new content can be added without the need to write additional code.
- Implemented smooth scrolling transitions to different sections of the page. Navigation reflects scroll position for improved user experience.
- Designed storyboards using Adobe XD to plan the layout, navigation, and functionality of the app.
- Implemented responsive design with media queries and robust mobile navigation.

PROFILE

Languages: Javascript, Typescript, CSS, HTML, SQL
Frameworks: React, Svelte, Node.js,
Libraries: Tailwind, SASS, Melt UI, ESLint, Socket.io, Bootstrap, p5.js
Developer Tools: Git, Vite + Vitest, Figma, Adobe Suite, PNPM, VS Code, Linux, WSL