
EMPLOYMENT

Frontend Developer **Carsales (i-Motor)** **Jan 2022 – Jun 2023**

- Responsible for replatforming SaaS to a modern tech stack and cloud infrastructure - a no-code website builder, scalable to thousands of static sites.
- Proposed and led the adoption of TypeScript to improve developer experience and code scalability.
- Maintain and refactor the component library, contributing to reusability, responsiveness and composition.
- Assisted in debugging framework OOM errors (Issue: [Github](#)) and React 18 SSR bugs.
- Work with Node.js API to programmatically create redirects during build time, dependent on CMS data.
- **Tech**: Gatsby.js, Typescript, Mapbox, Google Tag Manager, Emotion, GraphQL, Gatsby Cloud.

Frontend Developer **Videohead** **Oct 2021 – Mar 2022**

- Designed and built an online platform to manage and display projects.
- Created a Bash script to automate the task of trimming, converting and optimising short gifs from videos.
- Leverage webhooks to automatically rebuild associated static pages upon new content publishing.
- Created migration scripts to reshape existing data according to new requirements.
- **Tech**: Next.js, Sanity, Typescript, Bash.

Web Developer **Entropico** **May 2021 - Oct 2021**

- Built a Javascript plugin to programmatically generate query parameters for lightbox videos. Ensured potential clients could have exact video projects shared to them.
- Added a solution where editors can provide more individual project metadata to display.

SOFTWARE PROJECTS

Designer and Developer **[InternationalStudySpots](#) (Github)** **Jun 2023 – Current**

- Designed and developed an accessible index of user-submitted study spots around the world.
- Custom hook for Google Places facilitating caching and debouncing of autocomplete requests.
- Next.js ISR for map page to ease server load.
- TRPC and Zod for type-safety and development speed.
- Performance optimization with code-splitting and using react-query cache to "pre-render" detail pages.
- **Tech**: Next.js, TRPC, Prisma, Google Places, S3, Cloudfront, PlanetScale, React Hook Form, Zod, Radix.

Designer and Developer **[MachenV2](#) (Github)** **Jul 2023 – Current**

- Designed and developed a daily note app that's keyboard navigable with integration tests.
- **Tech**: Next.js, Zod, Emotion, Jest, React Testing Library.

Designer and Developer **[Superhighway](#) (Github)** **Jun 2022 – Dec 2023**

- Designed and developed an e-commerce website.
- Implemented an automated workflow where updating content in the CMS triggers a webhook to initiate a quick rebuild of the related page.
- **Tech**: Next.js, Shopify, Sanity, SWR, Typescript, Cloudinary.

EDUCATION

Sydney, Australia **University of Technology** **Fall 2015 – Fall 2018**

- Bachelor of Business (Finance and Marketing)

SKILLS

- React, Typescript, Javascript, Node.js, Express, Emotion, TailwindCSS, AWS, Next.js, Gatsby, Headless CMS, Sanity, HTML, CSS, Gatsby Cloud, MongoDB, GraphQL, REST, performance optimization (virtualized lists, memoization, CDN, code-splitting, composition), accessible and responsive design.