Adam Demol
Web Developer

Links

Web Portfolio
Github

Email: Adam_d@outlook.com   **Mobile:** 0468 569 256   **Location:** Sydney, NSW

Education

Diploma Web Development
St Leonards Tafe - 2013

Certificate 4 Web Development
Loftus Tafe - 2012

Certificate 4 Multimedia
Loftus Tafe - 2011

Career History

Woolworths
Nightfill - Current Role
Nightfill 2IC - 2018-2021
Nightfill Manager - 2018
Duty Manager - 2013-2021

NSW Government
Electoral Official - 2012

Skills

Javascript / Typescript
HTML / CSS / SCSS
React / Svelte / NextJS
PHP
ORM layers
SQL databases
API endpoints
Web-sockets
Testing libraries
Adobe Photoshop

Career Objective

Motivated web developer looking for a front/back end role where I can work alongside experienced developers to expand my skills and challenge me with new and interesting problems. Passionate about design and user experience.

Excellent problem solver, with the ability to think critically about a problem and work through the steps to solve it logically.
Great interpersonal and communication skills, very personable and comfortable in a team environment, not afraid to ask questions.

Experience

React
Built a complex Spotify music app that manages global state between components to allow users to manage their music. Dynamic routes for playlist edits, custom skeleton loaders & tooltip components to give visual feedback to users when interacting with the app.
I've also built a simple todo app and a web-based file system to navigate folders, delete and create files.

Javascript
For my Picture puzzle game, I created a shuffle function that selects random valid moves 1000 times to shuffle the puzzle and ensure it is still solvable. Simple paint-like drawing app using canvas.
Wordle-clone with keyboard functionality. Rotatable 3D rubik's cube built using CSS & Javascript. Song lyrics web scraper to find lyrics to currently playing songs in my Spotify app. Table data filtering, where you can organise large table data by table heading, ascending or descending order.

Rest APIs
Extensive experience using Spotify API to modify user data. Worked with weather API to get a user's current location based weather services. Pokemon API for my NextJS app, text to image generation via OpenAI Dalle-2 API.

Date & Time formatting
Building my calendar app required using the Javascript Date API to calculate previous, current and next months days to render within the custom built calendar. Transforming data based on region and highlighting current day and month on load.

Interests

- Weight lifting
- Web development
- UI / UX
- Graphic design
- Building computers
- Swimming
- Running
- Bushwalking
- Cooking
- Video games

Databases

I can work with SQL based systems to produce relational databases. At Tafe I built a product inventory with the ability to CRUD products. Currently working on a NextJS app, utilising Prisma & PlanetScale which allows users to search pokemon, create teams and store the created team to the database.

HTML Canvas / base64 images

To make my picture puzzle game I used canvas to convert user uploaded images to Base64 strings which can be split into sections and shuffled. This allowed me to keep track of the original squares locations within an array.

CSS / Javascript animations

3D rotation using javascript which sends updated values to CSS based on mouse position to create interesting effects with CSS backgrounds. Simple but beautiful transitions for buttons, loading spinners, skeleton loaders and more complex CSS only effects.

PHP

I built A fully functional web store using PHP, MySQL and Jquery. Featuring account creation, product inventory management, admin panel, shopping cart and checkout features. Passwords are encrypted on the database and prepared statements are used to prevent SQL injection.

Management

Delegating tasks to team members around the store.
Communicating with all departments, ensuring daily routines are completed on time.
Performance management to ensure team members are meeting expectations and working to carton rates.
Training team members to work safely and understand their daily tasks and expectations.
Interfacing with customers to resolve complaints or product refunds.
Handling product recalls in a timely manner for customer safety.
Rostering to strict weekly budgets.
Product inventory management, ensuring stock on hand is correct and shelf capacities are accurate.
Responsible for all end of day routines, including money handling for store closure.
Security software monitoring.

Achievements

1. Over 5000 hours management experience across 7+ years
2. Produced evidence from security footage to assist police successfully charge criminal activity
3. Developed a custom multi-browser supported drag and drop playlist feature, with auto-scroll behaviour
4. Created a custom volume scrubber/control with local storage to save last used volume