

Adam Demol

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Links: [Portfolio](#) - [GitHub](#) - [LinkedIn](#)

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Education

Harvard Online:	<i>CS50x Certificate of Completion</i>	Mar 2024 - Apr 2024
TAFE Online:	<i>Diploma of Advanced Programming</i>	Jul 2023 - Nov 2023
TAFE Loftus:	<i>Certificate 4 of Information Technology</i>	Feb 2023 - Jun 2023
TAFE St. Leonards:	<i>Diploma of Web Development</i>	Feb 2013 - Nov 2013
TAFE Loftus:	<i>Certificate 4 of Web Development</i>	Feb 2012 - Nov 2012

Personal Objective

Retail manager pursuing a career change to a Junior Web Developer role, with over 2 years experience creating fullstack web applications. Proven communication skills that facilitate collaboration across teams, while working in fast-paced environments. Demonstrated ability to write high quality, clean, reusable and maintainable code. Solid computer science fundamentals with the ability to architect custom solutions and solving complex problems. Over 2 years experience working with React and Typescript to build full-stack applications.

Technical Experience

Personal Projects - Github

Spotify clone

- Developed a complex UI using React, ensuring responsive design, cross-browser compatibility and meeting WCAG accessibility standards.
- Manages user data via the Spotify API and global state management.
- Custom drag & drop functionality and timeline scrubber

Restaurant reservation system

- Designed RESTful API's in C#, which relay information between client and server
- .NET Core and entity framework to build a MVC application
- MSSQL server integration for managing data

Recipe generator AI app

- HTTP streaming from the server using the GPT AI assistant API
- Custom REST API design with input validation
- Unit and Integration testing for robust application testing
- Custom pagination and search queries in URL enabling result sharing

Picture puzzle game

- Using the HTML5 Canvas to resize images
- Local storage for personal highscores
- Understanding of DOM manipulation and CSS3 transitions

Harvard Online - CS50x

- Programming fundamentals, data structures & algorithms in the C language
- Image manipulation using command line in C
- Built a Python CLI password management application with SQLite DB as my final project

TAFE - Diploma of Advanced Programming

- Built a full stack restaurant reservation system in C#, SQL, HTML, CSS and JavaScript
- Built a restaurant ordering mobile app using React Native and Firebase
- Worked collaboratively in a remote environment using Microsoft Teams
- Learned project development methodologies such as Agile

TAFE - Certificate IV in Information Technology

- Managed Windows Servers, Linux Servers and web servers, implemented DNS and RBAC
- Learned complex SQL queries and the database normalisation process

Professional Experience

Nightfill Manager / Duty Manager

- Manage and lead teams of over 20 people
- Working to strict weekly and daily budgets
- Mentor and train team members to be effective within their roles
- Rostering and accommodating team members needs
- Performance management, ensure team members meet expectations

Technical Skills

Frontend:	<i>HTML5, CSS3, JavaScript, Typescript, React, Responsive Design</i>
Backend:	<i>Flask, NextJs, NodeJs, PHP, C#, RESTful API's</i>
Databases:	<i>MySQL, SQLite, Firebase, MongoDB, Prisma, DB management</i>
Other:	<i>C, Python, Git, Docker, Vercel, Jest, Computer Science, Algorithms</i>

Employment History

Woolworths:	<i>Nightfill - Current role</i>	<i>2021 - 2024</i>
Woolworths:	<i>Nightfill 2IC</i>	<i>2019 - 2021</i>
Woolworths:	<i>Nightfill Manager</i>	<i>2018 - 2019</i>
Woolworths:	<i>Duty Manager</i>	<i>2013 - 2018</i>
NSW Government:	<i>Electoral Official</i>	<i>2013</i>

Hobbies

Personal well-being via the Gym, weight-lighting and running. Gaming and TV shows.