

# Adam Dilger

Full Stack Web Developer

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## Education

**Bachelor of Science** - 2018

*University of Tasmania*  
(Maj. Comp Sci, Min. Mathematics)

## Technical Skills

- Javascript/Typescript
- NodeJS/npm/webpack/vite
- Vue 3
- TailwindCSS
- Java/Spring
- SQL/ORM
- Golang
- Docker
- vim/git/gnu-utils/tmux

## Hobbies

- Cooking
- Guitar
- Golf
- Podcasts
- Programming

I am a software developer with a keen interest and a constant drive to improve my craft. I have over 5 years professional experience in a range of different technologies, in which time I have immersed myself in the programming domain to further expand my knowledge and skillset. I am an enthusiastic member of any team, enjoying collaboration and learning from my peers.

## Experience

### Full Stack Developer - *Geometry Pty Ltd*

Feb 2020 - Present

Senior-level developer tasked with designing, developing and testing features and bugfixes in new and existing codebases. In this role, I was assigned the responsibility of maintaining Geometry's core codebase, and was instrumental in the process of releasing upgrades and improvements that were consumed by a number of projects.

Projects:

- ***Geometry Enterprise Platform (GEP)***
  - A template project as a base for other Geometry projects
  - Java/Spring Boot API with jQuery + Vue3 frontend
  - Spring Data JPA ORM and Postgres/MSSQL databases
- ***PlanBuild Tasmania***
  - A form/workflow based webapp to digitise existing paper based processes
  - An implementation of a GEP project

Achievements:

- Implemented NPM/Webpack/Javascript Modules into legacy Java web stack, applying across multiple projects maintaining feature parity with minimal breaking changes
- Implemented StarUML based code generator with Java/Freemarker templates, migrating from a bespoke legacy Win32 Application and proprietary file format
- Implemented daily time logging system for Geometry staff using Vue3/Tailwind/Golang/Docker, migrating from a PHP stack
- Implemented a custom Golang CLI tool to generate and manage a shared changelog.md file with structured YAML files

### Associate Consultant - *RXP Group*

Jan 2018 - Feb 2020

Mid-level developer tasked with working in teams to provide managed services to a range of products and technologies. In this role I worked with business analysts and clients to deliver bugfixes and enhancements in monthly releases.

Projects:

- ***Aurora PAYG+***
  - ReactJS, ReactNative, d3.js charts, .NET Web API, Azure infrastructure, TeamCity CI
- ***Betfair Live***
  - ReactJS, AWS Python and NodeJS Lambda backends, Bitbucket CI

### Mobile Application Developer - *SEMF Pty Ltd*

Nov 2015 - Aug 2017

Solo developer tasked with design, development, deployment and support of 2 custom mobile applications.

Projects:

- Minutes of Meeting DOCX Generator iPad App &
- Take 5 Safety Report Generator iOS/Android App
  - iOS: Swift 3, CoreData, GRMustache.swift templating
  - Android: Java, iText PDF Creation Library, jsoup HTML Parser, HTML + CSS

## Personal Projects

### Raspberry Pi Time Tracker

- Golang/sqlite/svelte app to track and log the time of entering and leaving the office, deployed with Docker on a Raspberry Pi, using CSS animations to display the data in the look of a radar

### Christmas List Manager

- Pocketbase/Vue3 PWA to view, manage and update live Christmas lists for a group of people, authenticated via Google Oauth

#### **StarUML MDJ difftool**

- Golang based CLI tool to display a coloured text diff of two StarUML ER Diagram JSON files

#### **Poll Wagyu Website**

- Upgraded and re-themed a Wordpress website deployed to VentrIP with CPanel

#### **Australian Architects Declare Website**

- A custom Wordpress website deployed on a cloud VPS with docker-compose to supersede a shared CraftCMS based solution