

# MATT CHAPMAN

FULL STACK SOFTWARE ENGINEER

## DETAILS

### PHONE

+64 27 628 2427

### EMAIL

matt@mattchapman.io

## LINKS

[Github](#)

[Linkedin](#)

## LANGUAGES

Javascript

Typescript

C#

Python

Bash

HTML

CSS / SCSS

SQL

## SKILLS

Node.js

React

.NET Core

JSON

YAML

UML

PostgreSQL

GraphQL

NoSQL

Amazon AWS

DevOps

## PROFILE

Full stack software engineer with a passion for modularity and efficiency, and an eye for innovation.

My unique background in software, commercial aviation, adventure tourism, and Search and Rescue results in me being calm under pressure, a confident and decisive problem solver in critical scenarios, and a strong leader.

## EMPLOYMENT HISTORY

### Full Stack Engineer, TSG Clubware

Auckland

2020 — Present

As part of an Agile Scrum team, implement engineering and infrastructure changes to integrate third party APIs and services to existing SaaS platforms; develop new systems and microservices on AWS infrastructure; create new APIs and toolsets for increasing test automation and system robustness; implement time-critical frontend features to respond to client demand; utilise AWS resources and toolchains to identify and rectify critical production issues; refactor and optimise existing legacy codebases to increase system stability, reliability, and developer experience.

- Stack: React, Typescript, NodeJS, GraphQL, NoSQL, PostgreSQL, Bash, AWS, Microservices, Git

### Lead Engineer, Metscope

Queenstown

2017 — 2020

Recognised a need in the aviation industry for a platform providing pilots and operators with a holistic view of all available weather and operational data at a glance. Followed industry convention and best practice to design and architect an API and web/mobile application platform and build pipeline. Received early adoption and usage from 7 out of 9 aviation operators in Queenstown, when released as a Beta.

- Stack: ReactJS, NodeJS, PostgreSQL, HTML, CSS, Bash, Linux, Git

### Commercial Pilot (Aeroplane), True South Flights

Queenstown

2019 — 2019

Conducted safe and efficient scenic flights in GA8 Airvans on Part 135 operations between Queenstown, Milford Sound, and Mt Cook. Went above and beyond to develop new media and marketing solutions to improve brand engagement. Innovated to implement new software tooling to increase operational situational awareness and safety margins.

### Web Designer and Developer, Werewolf

Queenstown

2017 — 2018

Developed progressive web applications using Javascript and NodeJS. Produced and designed high quality brand and client collateral, as well as graphical assets. Successfully constructed and implemented efficient tooling to decrease overheads,

Git

CI/CD

Linux/Unix

Docker

Agile Methodologies

API Design

Adobe Creative Suite

UX / UI Design

HOBBIES

Coding, Aviation, Rock climbing, Paragliding, Hiking, Canyoning, Canoeing

and maximise productivity, resulting in 96% time reductions in build pipelines. Revised existing strategies to innovate and produce more optimal solutions for clients and team members.

- Stack: Angular, NodeJS, PostgreSQL, HTML, CSS, Bash, Linux, Git

IT and Software Technician, Magic Memories

2016 — 2017

Queenstown

Delivered exceptional solution based technical support, troubleshooting and maintenance to corporate staff of 60+, in addition to nationwide workforce. Managed multi-faceted support structure to provide timely assistance and resolution, consistently receiving outstanding feedback from users. Designed and implemented novel software solutions to improve user experience.

- Stack: Bash, Python, Linux, Git

EDUCATION

Bachelor of Arts (Eng, Coms), University of Otago

Dunedin

Commercial Pilot Licence (Aeroplane), Wanaka Flight Training

Wanaka

COMPETENCIES

Commerical Pilot Licence (Aeroplane)

NZHGPA PG2 Paraglider Pilot

Class 1, 2, 4, & P Driver Licences

LandSAR Operational Field Team Leader

LandSAR / Coastguard Wilderness First Aid

NZRA Swiftwater Rescue (Grade 3)

NZRA Raft Guide (Grade 2)

PADI Rescue Diver (Nitrox, Drysuit)

Professional Guitarist and Vocalist

REFERENCES

References available upon request