

# Alex McKay

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GitHub: [github.com/mckayjalex](https://github.com/mckayjalex)

## SUMMARY

Passionate to build technical solutions to complex problems. Currently seeking graduate role as software developer.

## SKILLS

- Frontend: React, JavaScript, CSS3, HTML5,
- Backend: Node.js, Express.js
- Database: MySQL, MongoDB & GraphQL
- Other Frameworks / Libraries: Bootstrap, Tailwind CSS, jQuery, sequelize, mongoose
- Other: Git, Heroku, OOP, Algorithms & Data Structures, System integrations using APIs

## PROJECTS

### Project Management

In progress

- Full stack web application that allows users to manage projects within their team, assign roles and/or tasks, create new users.
- This also includes questions/comment functionality where users can post questions and get comments as replies.
- Tech stack: Node.js, Express.js, Handlebars, MySQL

### Sort a Meal

<https://mckayjalex.github.io/sort-a-meal>

- A food recommendation app that uses Google places API and a Spoonacular API to retrieve recipes and nearby restaurants and then save them to client's local storage on click of a button.
- Tech stack: HTML, CSS, JavaScript, Tailwind, Google Places API, Spoonacular API, FontAwesome, Google Fonts

### Code Quiz

<https://mckayjalex.github.io/code-quiz/>

- A timed quiz application with easily customisable questionnaire and built only using HTML, CSS & JS.
- This allows user to select options from a series of multiple-choice questions and includes a logic to calculate and save score at the end. With each incorrect guess will result in deduction of 5 extra seconds from the timer.

### Weather Dashboard

<https://mckayjalex.github.io/weather-dashboard/>

- A simple web application using OpenWeatherMap API integration that allows users to view a 5 day weather forecast.
- Tech stack: HTML, CSS, JavaScript, TailwindCSS, Open Weather API

## EDUCATION

### Full Stack Web Development

2021 – present

Coding Bootcamp at University of Adelaide

The program is focused on gaining technical programming skills in web technologies like: React, Express.js Node.js, MongoDB. This also includes implementing technical solutions using MVC architecture and Object-oriented Programming principles.

Certificate III Telecommunications – Ramsdan

Certificate IV Telecommunications Network Engineering – Ramsdan

## Experience

AASA Ramp Agent

2021 – present

Telstra, Adelaide Airport, Australia

My responsibilities include:

- Loading aircraft as per the load report and managing a team of 5 personnel during an aircraft turn or Arrival.
- Communicate to Pilots using correct terminology
- Dispatch Planes within correct timeframe
- Load Baggage on plan as per Load Instruction Report (LIR) and Pushback Planes with a pushback tug

Telecommunications Technician

2014 – 2021

**Telstra**, Adelaide CBD, Australia

My responsibilities include:

- Installing Equipment and running in Optical fiber/data cables to supply more capacity to customers.
- Upgrading old-outdated equipment with new technology to allow for more internet traffic