

# JOSHUA RAFTERY

FULL-STACK DEVELOPER



+64 204920523



joshuraftery99@gmail.com



Queenstown, New Zealand



joshuraftery.netlify.app



github.com/josh-raftery



linkedin.com/in/joshuraftery

## About Me

I'm a **Full-Stack Web Developer** specialising in **JavaScript, React, Node.js**, and **SQL/NoSQL** databases, with hands on experience building scalable applications, RESTful APIs, and user-friendly, mobile first interfaces.

I'm naturally proactive, I've sought out freelance opportunities independently and have also worked commercially as a reliable and collaborative member of agile development teams.

I'm a UK national currently based in Queenstown, available for immediate contract work and permanent opportunities. I hold a New Zealand **Working Holiday Visa valid until 9 January 2028** with full working rights.

## Experience

### Freelance - June 2025 - August 2025 (part-time)

Software Developer (remote)

Completed a sophisticated form for TruTravelCo - <https://www.trutravelco.com/trip-planner>.

This was built with a stack of:

- Typescript
- React
- HTML/CSS

Some features include:

- Conditional page routing
- Form state saved into localStorage
- Error handling on mandatory fields.
- emailJS API setup - including a custom table of form selections sent to both the user and the client.
- Transition animations on selectors and page navigation

### Synergist - October 2024 - January 2025

Software Developer (remote)

Software developer on a fixed term contract working on the frontend with a tech-stack of: JavaScript, HTML, SCSS (CSS).

- Developed and maintained front-end features using JavaScript, HTML, SCSS.
- Managed software tasks through Azure DevOps, from ticket assignment to completion.
- Collaborated with a distributed team using Git and Agile methodologies.
- Made 51 bug fixes and developed 2 new features which were screens for data display. I created custom SCSS classes for a table and panels as part of the new screen.

## Northcoders - June 2024 - August 2024

Trainee Full-Stack Developer

- Learned how to pair code and peer review in line with Agile methodologies whilst applying a style of Test Driven Development (TDD) using jest.
- I built a RESTful API for a news site, utilising Express.js to listen for HTTP requests then interacting with a PostgreSQL database to formulate a response. This back-end project also comes equipped with a Jest testing suite with over 100 tests.
- The news site has the front-end counterpart to the API: it offers topic-based article navigation, article posting, and dynamic filtering options. The interface includes thoughtful design elements like day/night mode and suggested articles displaying on wide screens. Accessibility and user experience are prioritized through mobile-first design, optimistic rendering, and robust error handling.
- As a group project we built a Next.js meal planner application. We used mongoDB and Next.js API routing to create a REST API; this worked in tandem with our frontend to deliver a Full-Stack Application. This project was built in accordance with agile, utilising a kanban and holding daily stand-ups.

## Datalex - September 2017 - December 2019

Junior Software Engineer

Software engineer specializing in UniVerse/UniData development.

- Developed custom components based on customer requests, including an automated airline booking tool that processed 20,000 bookings annually, saving administrators an hour per day previously spent on manual processing
- Designed forms for data input / data display using SB Plus which worked in tandem with code.
- Analyzed systems flow, identifying bottlenecks and code inefficiency to investigate performance issues.
- Jira/Confluence reporting/support experience.

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## Education

2015-2017 <b>A-Levels</b>	Aquinas College	Completed A-Levels for Computer Science, Politics and Economics.
2017-2018 <b>Level 3 Diploma in Business Administration</b>	Apprentice Academy	Completed computer science based modules to complete my diploma (apprenticeship) with the Apprentice Academy while working with Datalex.

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## Hard Skills

- **Front-End:** React.js, Next.js, JavaScript, TypeScript, Tailwind CSS, CSS, SCSS, HTML
- **Back-End:** Node.js, Express.js, PostgreSQL, MongoDB
- **DevOps & Tools:** Microsoft Azure DevOps, Git, Jira, Confluence
- **Testing:** Jest, TDD, Unit Testing
- **Agile Development:** Kanban, Pair Coding, Stand-Up
- **Web Standards:** RESTful APIs, HTTP, JSON, XML

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## Why Hire Me?

- **Remote ready** – Proven experience working with distributed teams and async communication.
- **Contractor friendly** – Open to freelance, short-term, and long-term contracts.
- **Scalable solutions** – Expertise in modern, maintainable, and efficient web applications.