JOSHUA RAFTERY

FULL-STACK DEVELOPER

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About Me

I'm a Full-Stack Web Developer specializing in JavaScript, React, Node.js and SQL/noSQL databases. With a strong background in building scalable applications, RESTful APIs, and intuitive front-end UIs.

Currently, I'm seeking remote contract opportunities due to limited full-time roles in New Zealand.

I'm fully equipped to work remotely, aligned with Australian time zones, and open to both short-term and long-term contracts.

Experience

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.

Education

2015-2017

Aquinas College

A-Levels

Completed A-Levels for Computer Science, Politics and Economics.

2017-2018

Apprentice Academy

Level 3 Diploma in Business Administration

Completed computer science based modules to complete my diploma (apprenticeship) with the Apprentice Academy while working with Datalex.

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

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.
- **Timezone-aligned with Australia –** Work hours overlap for seamless collaboration.
- **Scalable solutions –** Expertise in modern, maintainable, and efficient web applications.