

Rob Austen

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SOFTWARE DEVELOPMENT & SOLUTIONS

Passionate about producing software that exceeds expectations. Experienced in creating & deploying products and features that modernize and improve every day operations.

PROFESSIONAL EXPERIENCE

Karapoti Consulting
Developer

2019-2023

For Karapoti Consulting, I helped to improve data integrity, user engagement and accessibility by modernizing data gathering workflows and implementing fully responsive interfaces. This involved discussing & gathering change requirements with the client, prototyping, testing and delivering.

The key technologies involved in my every day practices were SQL, ASP.NET, C#, VB, HTML, CSS and JS

PERSONAL PROJECTS

[kaioken](#)

A drop-in replacement for React. Created to escape the thousands of dependencies required by React and still deliver interactive, fast applications.

[async-idb-orm](#)

A type-safe, asynchronous ORM/wrapper for IndexedDB. I couldn't find any other libraries with a declarative, ORM-like developer experience for IndexedDB so I made this.

[kaioban](#)

A smooth drag'n'drop Kanban app built with *Kaioken* and *async-idb-orm*

[async-worker-ts](#)

Simplifies the offloading of CPU-intensive tasks to worker threads in NodeJS & the web

[matcha-js](#)

A type-safe pattern-matching library for javascript. Made to satisfy the need for type-safe pattern matching until the upcoming [TC39 proposal](#) is accepted/supported.

EDUCATION & CERTIFICATIONS

NZ Certificate in Computing (Level 2)
Whitireia Polytechnic, Porirua, NZ

EXTRACURRICULAR ACTIVITIES

Software development mentor
Online advice, troubleshooting and open-source contributions