

Yuekai Wu

Full Stack Software Developer

New Zealand Resident
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About Me

Kia ora! I'm Yuekai, a dynamic full-stack web developer with a passion for problem-solving and seamless teamwork. As a dedicated player of Nintendo Switch, I was inspired by a keynote by Satoru Iwata, the late President of Nintendo, who said, "On my business card, I am a corporate president. In my mind, I am a game developer. But in my heart, I am a gamer." This quote sparked my interest in becoming a software developer to better understand how computer programs and video games run inside hardware. My journey at Dev Academy taught me the newest tech stack in the industry and emphasised the power of collaboration. With a background in café management, I thrive on unity towards common goals. I bring this spirit to every project, driven by a passion for excellence.

Project

Dev Academy Aotearoa

June - Oct 2023 *Student / Apprentice- Software Development Bootcamp*

- This intensive 17-week software development bootcamp replicated real-world team dynamics. We delved into a modern web dev stack encompassing HTML5, CSS3, JavaScript, React, React Query, Knex, SQLite3, Node.js, and Express.js. Learning was hands-on, covering unit testing, asynchronous programming, RESTful APIs, and GitHub.
- Weekly, we tackled solo challenges and collaborated through pair programming to construct web applications. The program also prioritised human skills, empathy, and well-being. Fridays were dedicated to teamwork, where we built applications in groups of four, honing our ability to give and receive growth feedback while practicing agile methodology.
- For my final project, "[Clicky](#)," a game aimed at improving mouse-clicking accuracy and speed, I utilised React, React Query, Tailwind CSS, Playwright for testing, Auth0 for authentication, and SQLite3 for score storage. This project allowed me to learn new technologies, particularly Tailwind CSS and TDD unit testing, and honed my ability to efficiently work with and support teammates while problem-solving.

Career Break

Feb 2022 - May 2023

I took a year off work for Family reason.

Hollywood Bakery Silverdale

Oct 2015 - Dec 2018 *Barista and Chef*

- Prepared and cooked a variety of food items, including baked goods and sandwiches, as well as made coffee and other beverages for customers.
- Maintained a clean and organised work environment, ensuring food safety and hygiene standards were met.
- Developed strong customer service skills, providing friendly and efficient service to ensure customer satisfaction.

Project

Prenatal Treasures - Personal project

Project Goal:

- Create a user-friendly app to help prepare for our new-born, streamlining item tracking for my family.

Motivation:

- Lack of suitable apps led me to build a custom solution for my wife and me.

Features:

- Simple interface for easy item addition.
- Quick entry with item name and Enter key.

- Edit item details like price and quantity.
- Sort and categorise items efficiently.

Tech Stack:

- Front-end: React, React Query, Tailwind CSS.
- Authentication: Auth0.
- Data storage: SQLite3.

Future Plans:

- Enable item list printing.
- Integrate social features with Auth0.
- Improve user experience with enhanced design element

Technical Skills

JavaScript, React.js, React Query, HTML, CSS, Git, SQLite, REST APIs.

Human Skills

Fast Learner, Written/Verbal Communication, Curiosity, Passion for Tech, Teamwork and Leadership, Self-Awareness, Empathy.

Education

Massey University
2018 - 2021

Bachelor of Information Science, Major
Computer Software Engineering

North Shore International Academic
2014 - 2015

High School Diploma in Culinary Arts and Chef
Training

University of Auckland
2013 (Withdrawn)

Bachelor of Art, Major Mathematics

Northcote College
2011 - 2012

NCEA Level 3

Hobbies & Interests

- Nintendo Switch Video Game.
- Traveling in New Zealand and try Flat White and pies.
- Searching and trying the new headsets.

References Available on Request