

# Sean Frogley

021-240-6443 | sean@frogley.com | Christchurch, New Zealand

## Summary

---

I am a Computer Science graduate with extensive experience in full-stack development, specializing in creating scalable, maintainable software solutions using modern technologies such as .NET, Java, and Spring Boot. I have hands-on experience in both front-end and back-end development, as well as implementing best practices in software architecture, version control, and automated testing. My ability to work collaboratively in Agile environments, along with my strong problem-solving skills, allows me to deliver high-quality software solutions that meet user needs and business goals. I am passionate about developing innovative software and eager to contribute my technical expertise and communication skills to a dynamic software engineering team.

## Education

---

### University of Canterbury

Bachelor of Science – Major in Computer Science & Minor in Japanese

---

## Experience

---

### Tiaki Institute | Software Engineer Intern

February 2025 – Present

- **Lead the full-stack development** of *Epic Electric World Records*, a web platform built with .NET for showcasing and verifying electrification-related world records, ensuring a robust and scalable solution.
- **Design and implement the UI/UX**, focusing on creating an intuitive and engaging user experience through thoughtful design and seamless interactions.
- **Manage stakeholder requirements** by maintaining regular communication, gathering feedback, and applying software development best practices to ensure the platform is scalable, maintainable, and meets user needs.

### UC Software Engineering Department | Full-Stack .NET Intern

November 2024 – February 2025

- **Developed and deployed a large-scale software application** that serves over 200 students annually, leveraging C#, .NET, and Blazor to create a robust, user-friendly solution.
- **Designed and maintained clean, scalable, and maintainable code** by adhering to Object-Oriented Programming (OOP) principles and best practices to ensure long-term project sustainability.
- **Collaborated in an Agile team of four** and worked closely with stakeholders, using Kanban methodology to prioritize tasks and ensure the timely delivery of key features and updates.

### SENG302 | Full-Stack Spring Boot Developer

February 2024 – November 2024

- **Developed and maintained a large-scale, complex software application** as part of an Agile SCRUM team, contributing to both front-end and back-end development with Spring Boot and modern web technologies.
- **Managed evolving and ambiguous requirements**, collaborating with stakeholders to clarify needs, prioritize tasks, and deliver features on time while ensuring high-quality results.
- **Implemented best practices and cutting-edge development techniques**, including CI/CD, version control, and automated testing, to build a scalable, maintainable software system.

### Contractor | Assistant Tennis Coach

October 2023 – June 2024

- **Adaptability and Problem-Solving:** Tailored coaching to individual needs, similar to customizing IT solutions for diverse user requirements.
- **Communication and Collaboration:** Explained complex concepts clearly, a skill useful for interacting with non-technical stakeholders in IT.

- **Attention to Detail:** Ensured precision in racket stringing and coaching, which translates to maintaining high standards in code quality and system performance.

## Bunnings | Special Orders Assistant

September 2021 – October 2022

- **Processed and managed special orders** for customers, ensuring timely and accurate delivery through coordination with suppliers and internal teams.
- **Clarified customer requirements** and provided tailored solutions, managing expectations and ensuring satisfaction throughout the special order process.
- **Utilized modern tools and systems** to track orders, update inventory, and communicate effectively with customers about their special order status.

---

## Volunteering

### Teen Tech (IT Support) | Club Founder and President

August 2016 – May 2020

- Provided **technical support** to church members, troubleshooting **hardware** and **software issues** and ensuring timely resolution to maintain smooth operations.
- **Communicated** with users to clarify **technical requirements**, providing tailored solutions and managing **expectations** to ensure satisfaction.
- Utilized modern **IT tools** and **systems** to track and manage tech-related requests, update **software**, and provide users with clear and timely updates on issue resolution.

---

## Skills & Interests

- |                                   |                              |
|-----------------------------------|------------------------------|
| • Problem-Solving & Debugging     | • Collaboration & Teamwork   |
| • Software Development            | • Customer Service & Empathy |
| • Version Control                 | • CI/CD                      |
| • Web Technologies                | • Snowboarding               |
| • Databases                       | • Scuba Diving               |
| • Spring Boot                     | • Tennis                     |
| • Algorithms and Data Structures  | • Star Wars                  |
| • API Development and Integration | • Test-Driven Development    |
| • Cloud Technologies              | • Agile Methodologies        |

---

## References

Available Upon Request