

# Harrison Cook

## Software Engineer

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### Summary

A Software Engineer with a fervent drive for tackling complex technical challenges and designing elegant solutions. My background has instilled in me a collaborative spirit and a knack for creative problem-solving, skills I apply to building robust and efficient software. While I have a particular interest in lower-level systems and understanding how they operate from the ground up, I am a versatile learner excited to explore any technology stack that presents stimulating problems and allows me to contribute to high-quality technical outcomes.

### Experience

#### Software Engineer [Intermediate]

**Xero**

Aug 2024 - Now

Wellington, NZ

- Proactively identified opportunities for process and code quality improvements, actively participating in discussions to propose solutions.
- Contributed to enhancing the quality and stability of existing legacy systems through targeted bug fixes and code enhancements.
- Assisted in analyzing and resolving issues within legacy applications, gaining familiarity with production challenges.

#### Software Engineer [Graduate, Intermediate]

**Z Energy**

Nov 2021 - Aug 2024

Wellington, NZ

- Commenced as a Graduate Developer and achieved rapid promotion to Intermediate Developer within 6 months, reflecting significant technical growth and trusted contributions.
- Designed, developed, and deployed full-stack, data-centric microservice solutions using TypeScript or C# in Azure.
- Operated within a robust development environment leveraging Infrastructure as Code (IaC) for cloud resources and adhering to rigorous practices for documented, monitored production deployments.

### Education

Bachelor of Engineering  
with First Class Honors in Software Engineering  
Specialization in Networked Applications.  
**Victoria University** Feb 2018 - Nov 2021 Wellington, NZ

### Toolbelt

.NET

ASP.NET

Blazor

CSharp

FSharp

AWS

Azure

Git

GitHub

GitHub Actions

NewRelic

Terraform

Java

C

C++

Rust

Zig

Dart

Flutter

React Native

CSS

HTML

JavaScript

Next.js

React

Tailwind

TypeScript

Vue.js

Bash

Lua

PowerShell

Ruby

### Projects

- Advent Of Code
- Bus Sharp
- M5 BLE Stack
- Planck 40% Keyboard
- Glove80 Keyboard
- Snake Game in Raylib & Zig
- Neovim & Vim

### References

Available on request.

### Final Note

Think of this CV as a quick hello! You can find a lot more detail about my projects and what I've been up to on my website (link up top). I'm genuinely happy to connect and chat about my experience or potential opportunities – please feel free to get in touch!