

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

- Successfully and rapidly completed onboarding, quickly integrating into the team and understanding core systems.
- Provided constructive feedback and suggestions for improving existing technical processes and system design.
- Undertook tasks to improve the quality and stability of legacy applications, gaining familiarity with core functionalities.

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!