

Harrison Cook

Software Engineer

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Summary

Software Engineer by trade, education, and genuine passion. I have a strong fascination with how software interacts at the lower levels and operates from the ground up. This deep curiosity is paired with an eager versatility to learn and tackle challenging problems across any technology stack. My significant prior involvement in musical theatre has uniquely honed my exceptional communication, collaboration, and presentation abilities; Making me a charismatic team member dedicated to delivering high-quality software within an environment driven by technical excellence and competence.

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'll discover a lot more about me via a conversation. I'm genuinely happy to connect and chat about my experience or potential opportunities - please feel free to get in touch!