

SOFTWARE ENGINEER

Harrison Cook

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Fig 1: Unconventional Engineer Profile

1 About me

1.1 Background

Hailing from what my friends affectionately call a 'singing cult,' my formative years were steeped in music and the performing arts. Now, I've traded sheet music for syntax; my compositions resonate through elegant algorithms, harmonizing data structures and orchestrating efficient solutions.

1.2 Present

With 3 years of industry experience as a Software Engineer, my technical are currently anchored in **TypeScript**, **C#**; complemented by a wide array of technologies. Today, I stand as a bright, bubbly, resilient, and reliable individual.

1.3 Future

My professional goals center around specializing in back-end development, particularly in the realm of network technologies. I'm prepared to bring my distinctive mix of creativity and expertise to exciting projects. Are you ready for me?

2 Work History

2.1 Z Energy - Intermediate Developer

(Nov 2021 - Present)

- Developed using **TypeScript** and **C#**, building Function Apps, Web APIs and internal tools.
- Utilized Terraform for infrastructure as code, managing and connecting various Azure Cloud resources.
- Set up CI/CD pipelines with GitHub Actions and Azure Pipelines for automated and synchronized build processes.
- Realigned legacy systems with current standards, modernized existing systems as part of the software development life cycle, and utilized Azure Portal analysis to develop resilient and supportable systems.

2.2 Raygun

Intern Developer (Nov 2020 - Feb 2021)

- Developed a **React Native** library from inception to completion; designed to integrate with Raygun's crash reporting and monitoring services
- Gained first-hand experience with the Agile methodology in a professional setting.
- The open source "**raygun4reactnative**" library, a result of our collective efforts, is now available on NPM for developers worldwide.

2.3 Victoria University

Tutor (Mar 2019 - Nov 2021)

- Provided academic support to students in Software Engineering, Networking Engineering, and Computer Science disciplines.
- Mastered the art of conveying complex technical subjects to a diverse audience.