

Josh Richards

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Skills

- **Languages** = JavaScript, Typescript, C#, Python, Java, HTML, CSS, PostgreSQL, SQL Server
- **Frameworks** = React, Next.js, Tailwind, SCSS, ASP.NET, Django, React Native, Ionic, Node.js
- **Technologies/Concepts** = AWS, Git, Agile, REST, GA, AI/ML, CI/CD, TeamCity, GitHub, Docker, Firebase

Work Experience

Xero Software Engineer - 2020/Present

[**React** | **Typescript** | **C#** | **ASP.NET** | **SQL Server** | **AWS** | **Agile** | **Git** | **CI/CD**] I am currently part of the development team working on 'New Invoicing'. Our goal is to convert users from Xero's classic invoicing platform to a more modern, responsive, internationalised user experience. Working on New Invoicing allows me to develop technical skills through delivering a scalable application to hundreds of thousands of users every day.

Hedges Co-Founder - 2021/2022

[**React Native** | **Typescript** | **Node.js** | **Express** | **PostgreSQL** | **Heroku** | **External Data Sources**] Hedges is a portfolio management application built out of the popularity of my personal project Ticker Tracker. Ticker Tracker amassed over 650 users with overwhelmingly positive feedback regarding the concept. After teaming up with a great co-founder, we designed and built a cross-platform portfolio-tracking mobile app. Hedges is a place where users can keep track of all their assets, including Stocks, Funds, Crypto, Property, etc. Although life events on both of our parts prevented us from releasing the project, working on Hedges was a valuable learning experience that honed my technical and interpersonal skills, and allowed me to develop my entrepreneurial spirit.

CR Automation Intern - 2019/2020

[**C#** | **.NET** | **SQL Server**] I built a Business Intelligence Agent that receives data from a data source (e.g. PLC, Computer, Database, etc.) and sends it to multiple SQL Server databases or files using various communication protocols concurrently.

Personal Projects

Ticker Tracker - React | Typescript | SCSS | Firebase | Yahoo Finance | Netlify (2021)

Ticker Tracker is a full-stack investment portfolio tracking platform with over 650 users. It is a platform where investors can aggregate their investments into one location.

Album Listen List - React | Typescript | Tailwind | Firebase | Spotify | Netlify (2022)

Album Listen List is a full-stack progressive web app with over 200 users. It helps users keep track of the albums they plan to listen to in the future. It integrates with the Spotify API and Firebase for Authorisation flows and persistent data storage.

Financial Freedom - React | Typescript | CSS | Python | Django | SQLite | Heroku | Netlify (2020)

Financial Freedom is a full-stack budgeting application that manages users' transactions. Users can add and delete transactions while viewing pie charts showcasing their spending habits.

Education

Graduated with a **Bachelor of Science** Majoring in **Computer Science** at Victoria University of Wellington (2021)