

PROFILE

Full-stack software engineer with **2+ years** of experience delivering solutions across professional, academic, and personal projects. Dedicated to problem-solving, learning new methods, and working closely with teams to achieve impactful results.

TECHNICAL SKILLS

HTML / CSS / TailwindCSS / JavaScript / TypeScript / React / Next.js / React Query / Node.js / Prisma / GraphQL / MSSQL / Azure / AWS / Jest / Git / GitHub / Jira / Figma

EXPERIENCE

Full-stack Engineer

Generate Zero / Feb 2024 - Present

- **Financed Emissions V3** – **Led the development** of an enhanced version with improved performance and a new **Quarterly Comparison Chart View** by migrating GraphQL server functions to Prisma, building **interactive timeseries** and **drill-down charts**, and **modernizing UI/UX** with asset-class layouts and **synchronized charts** and **tables**.
- **Metrics V1** – Designed and implemented the Intensity Metrics management system using **Domain-Driven Design (DDD)**, enabling customers to manage metric data independently while ensuring consistency with the Footprint Design System.
- **Build and maintain core modules**, including **File-uploading**, **User Management**, **Emission Factor** and **reusable data-visualisation components** such as tables and charts.
- **Implement backend logic** and **schemas** (Prisma + MSSQL) to support new features.
- **Collaborate** on improving **authentication** and **authorisation logic**, such as re-inviting users, updating session tokens.
- Utilise Jira and Figma tools for **effective collaboration**, **visualisation**, and **project management**.
- **Review** and **test** Pull Requests from other developers, contributing to code quality and saving time for the manager and senior team members.

Full-stack Developer Intern

Generate Zero / Nov 2023 - Feb 2024

- Implemented the Organisation Manager tool that allows users to **CRUD** organisations using **Next**, **TypeScript**, **React**, **Tailwind**, **GraphQL**, **Apollo** and **Prisma**.
- **Built new pages** and **components** by leveraging existing APIs and reusable UI elements.
- **Fixed styling issues** and **improved UX** by adding fully responsive features.
- Strengthened **communication skills** while serving as scrum master, collaborating with developers and a UX designer, and participating in agile meetings.

Full-stack Developer Intern

MVP Studio / Sep 2023 - Nov 2023

- Worked on Internship Onboarding Tasks, which involved **designing** and **developing** an **MVC application** using **Visual Studio** and **HTML, CSS, JavaScript, React**, and **Bootstrap**.
- **Integrated** the **database** with the web application by building back-end components using **C#** and **.Net**.

Frontend Developer (Hackathon)

Green Kiwi - Govhack / Aug 2023

- Actively involved from inception to deployment, contributing to **planning, designing, developing**, and **deploying** an innovative platform that addresses New Zealand's major city concerns and reduces carbon emissions.
 - Led the design and development of the **social page, post creation functionalities**, and **navigation bar**.
 - Used **Agile methodology**, ensuring iterative development and continuous feedback throughout the project lifecycle.
 - Utilized the **Miro board** for effective collaboration, visualization, and **project management**.
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EDUCATION

Software Developer Job Ready Programme

Industry Connect / Jul 2023 - Sep 2023

- Completed an online course delivered by industry professionals, with a strong emphasis on practical, hands-on solutions. Covered **C#, .NET Core, ASP.NET MVC, SQL, database best practices, SSRS services**, and **system integration**, with a focus on applying skills to real-world commercial environments.

Level 6 Full-stack Web Development

Enspiral Dev Academy / Aug 2022 - Dec 2022

- Completed Dev Academy Full-stack Web Development Course, dedicating **over 800 hours** to coding on multiple projects in an **Agile team environment** and acquiring in-depth knowledge of full-stack development technologies, including **Figma, HTML, CSS, TailwindCSS, JavaScript, React, Redux, Restful APIs, Express.js, Node.js, SQL, Jest, Git**, and **Github**.

Level 4 Certificate in Information Technology

Unitec Institute of Technology / Jul 2021 - Dec 2021

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| • Information Technology Foundations (HTCS4601) | • Programming Foundations (HTCS4604) |
| • Web Design Foundations (HTCS4602) | • Database Project (HTCS4605) |
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CERTIFICATION

AWS Cloud Practitioner Certification

Amazon Web Service (AWS)

Valid through: May 2022 - Apr 2028

References available upon request