

HARUKA OGINO

FULL-STACK DEVELOPER

I am a former civil engineer with a longstanding passion for STEM fields. Most recently, I have found a deep passion for coding and its innovative potential. Through my journey, I strive to inspire and encourage women to pursue careers in STEM, particularly in software engineering.

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LINKS

🔗 <https://github.com/haruka-ogino>

🌐 <https://haruka-ogino.vercel.app/>

🌐 <https://nz.linkedin.com/in/haruka-ogino>

PROJECTS

Film Michi *in progress* - <https://github.com/haruka-ogino/film-michi>

- Platform where users can discover and share real-world locations featured in films and TV shows.
- Utilises Google Places API to fetch details like address, Google rating, and a link to Google Maps.
- Tech stack: **Next.js, TypeScript, React, Tailwind, Google Places API, Turso & SQLite.**

Lucas' Mansion 🌟 <https://lucas-mansion.pushed.nz> 🌟

- Virtual escape room with puzzles and clues, developed as my team's final group project at Dev Academy.
- Lead creation of the leaderboard and two of the puzzle games, enhancing user engagement and challenge.
- Tech stack: **TypeScript, React, CSS, Knex (JS query builder), Express & SQLite.**

LyricSync *in progress* - <https://github.com/haruka-ogino/LyricSync>

- On-going full-stack application project that allows users to save the lyrics to their favourite songs, alongside their translation into the various languages.
- Built alongside a classmate following the completion of my time at Dev Academy, showing my commitment to coding and ability to **work as part of a team.**
- Tech stack: **TypeScript, React, CSS, Knex (JS query builder), Express & SQLite, Vitest.**

Aitinerary *in progress* - <https://github.com/haruka-ogino/aitinerary>

- On-going full-stack application that centralises meetings for business professionals and suggests activities based on user's location and preferences.
- Conceptualised during Provoke's 2024 **Generative AI Hackathon**, where I proposed a travel planner with location-based activity suggestions, leading our team to **win first place.**
- Tech stack: **Next.js, React, Tailwind, Node.js, OAuth (Google), PostgreSQL, RDS (AWS).**

EDUCATION

NZQA Level 6 Certificate in Applied Software Development, Jan - May 2024

Dev Academy Aotearoa

- Intensive 17-week long full-stack web development program.
- Successfully completed multiple projects in-class as well as personal ones, using **HTML, CSS, JavaScript and TypeScript, Git, React.js, RESTful APIs, Node.js, Knex.js, SQLite, Auth0 and JSON Web Tokens (JWT).**
- Developed interpersonal skills in **collaboration, empathy, and effective communication** through exercises such as **retrospectives.**
- Completed seven groups projects and pair-programmed during class exercises, demonstrating my ability to **closely work with others.**

Bachelor of Civil and Environmental Engineering (Honours), 2016 - 2019

The University of Auckland

- ▶ **Summer Research Scholarship, December 2017 - February 2018**

TECH SKILLS

Frontend - React

Backend - Node.js / Next.js

Databases - SQLite / MongoDB / PostgreSQL

Version control - Git / Github

Methodologies - TDD / Agile

Cloud - RDS (AWS)

WORK EXPERIENCE

Temporary Site Administrator | Leighs Construction, Jul 2023 – Jan 2024

- Collated Quality Assurance (QA) packages – honing my **organisation** skills and **attention to detail** requesting the required documents from subcontractors.
- Assisted in day to day operations; material orders, document organisation and maintaining templates stocked.

Various Roles | Overseas Travel & Work Experience in Japan Oct 2022 – Jun 2023

- Gained valuable customer service experience working in a hotel and cafe, enhancing my Japanese **verbal communication** skills.
- Travelled to eighteen prefectures in Japan during my ten-month stay, achieving several personal goals by visiting places that I had long dreamt about and meeting distant relatives for the first time.

Site Engineer | HEB Construction, Mar 2022 – Sep 2022

- Drafted 3D models to demonstrate construction methodologies for bid proposals, **learning** how to build 3D models on SketchUp by Trimble.
- Managed stakeholders relationships, including subcontractors, designers, and clients. I excelled in conveying complex technical information clearly through **both written reports and verbal discussions**.

Temporary Operations Administrator | Meadowlark Jewellery, Jan 2022 – Mar 2022

- Logged different stages of the jewellery making process using Cin7, showcasing my ability to quickly **learn and adapt** to new systems.

Geotechnical Engineer | Pattle Delamore Partners Ltd, Jul 2021 – Nov 2021

- Conducted site visits which included sampling the ground profile, followed by observation reports, further honing my **formal writing and analytical** skills.

Graduate Site Engineer | Northern Corridor Improvements (NCI), Jan 2020 – Jun 2021

- Coordinated daily activities across multiple construction sites, ensuring efficient operations.
- **Adapted** to unexpected challenges such as delivery delays and design changes to maintain project timelines and budgets, demonstrating **problem-solving and project-management** skills.
- Managed **QA processes** and documentation from pre-construction through to client handover, including the creation the on-site QA checklist based on NZ building standards, design reports and specifications.

EXTRA – CURRICULAR ACTIVITIES

TechWomen Mentoring Program 2024

- Mentee in mentoring group circle to learn from women in the industry.

Women in Engineering Network (WEN) 2017 – 2021

- Actively participated in the WEN mentoring program within both the Student Chapter and Industry Chapter.
- Volunteered in community activities such as charity bake sales and open-day stalls.

Unleash Space, Newsroom Writer 2019

INTERESTS

Outside of software development, I enjoy learning Japanese, going for long walks with my dog, punch needling, and spending quality time with friends and family.

REFEREES AVAILABLE ON REQUEST