HARUKA OGINO
FULL-STACK DEVELOPER

📱 +64 21 2961842

✉ harukariq@gmail.com

LINKS

🐙 https://github.com/haruka-ogino

🌐 https://haruka-ogino.vercel.app/

in https://nz.linkedin.com/in/haruka-ogino

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.

PROJECTS

AItinerary *under construction* - https://github.com/haruka-ogino/aitinerary
- On-going full-stack application project that centralises meetings for business professionals and suggests activities when they find themselves in unfamiliar places.
- Idea conceptualised during Provoke's 2024 **Generative AI Hackathon** during the pitching stage, 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), PostgresSQL, RDS (AWS).**

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.
- Led the development of the leaderboard feature, handling both front-end and back-end tasks.
- Created two of the puzzle games, enhancing user engagement and challenge.
- Tech stack: **TypeScript, React, vanilla CSS, Knex (JS query builder), Express & SQLite**.

LyricSync *under construction* - 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, vanilla CSS, Knex (JS query builder), Express & SQLite, Vitest.**

All the Ghibli Things! 👆 https://ghibli-things.pushed.nz 👆
- Ghibli Studio Films library for Ghibli fans, including a quiz that tests your knowledge of the films.
- Personal project started while studying at Dev Academy to consolidate my understanding of **CRUD operations** and full-stack applications.
- Tech stack: **TypeScript, React, vanilla CSS, Knex (JS query builder), Express & SQLite.**

TECH SKILLS

Frontend – **React**

Backend – **Node.js / Next.js**

Databases – **SQLite** / MongoDB / PostgresSQL

Version control – **Git / Github**

Methodologies – TDD / Agile

Cloud – 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

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