# 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/

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

### PROJECTS

### **Altinerary** under construction - <a href="https://github.com/haruka-ogino/aitinerary">https://github.com/haruka-ogino/aitinerary</a>

- 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), PostgreSQL, 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! 🗞 <a href="https://ghibli-things.pushed.nz">https://ghibli-things.pushed.nz</a> 🎘

- 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 / PostgreSQL **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