

Timothy Li

Software Engineer, Toronto



SUMMARY

- **Software engineer** with experience in **React**, **Node.js** and **test-driven development**
- Responsible of continuous integration and delivery, with strong experience in **DevOps**
- Very self-motivated to learn software development knowledge from nothing to become an expert

WORK EXPERIENCE

Software Engineer, [Storeforce](#) | Retail solutions company | Aug 2022 - May 2023

HTML / .Net / SQL / Azure DevOps

- Increased the efficiency of getting data from database in the store auditing page by 90%
- Rewrote the SQL queries to enhance the performance of the app by getting more than 100% improvement in the loading speed
- Added the **filtering feature** and **employee borrowing feature** in one of the company products
- Cooperated with backend developers and scrum masters on changing the web APIs to **headless APIs**
- Planned and finished some fundamental parts of a new company product in an **agile workflow**

Software Developer, [Cable Television](#) | Local TV broadcast company | Aug 2021 - Jul 2022

Node.js / TypeScript (React) / PHP / GraphQL / MySQL / AWS / AWS Lambda

- Designed and developed a new company website with **Figma** and **Next.js**
- Deployed a website on **AWS** for better maintenance and cost reductions
- Performed **Search Engine Optimization** of the company website to **increase tracking accuracy by 60%**
- Redesigned the company mobile app with **React Native** and **GraphQL** to **increase data customization for app rendering by 80%**

Backend Developer, [Ecosa](#) | Online retail company | Jun 2021 - Aug 2021

PHP / MySQL / JavaScript (Vue)

- Improved the **search function** performance in CMS to **reduce the SQL query execution time by database by 40%**
- Developed a **notification function** for weekly shipments in **Slack** to keep track on stock capacity
- Troubleshoot and optimized the SQL queries in the E-commerce dashboard

Bridge Engineer, [Meinhardt](#) | Engineering firm | Nov 2019 - Feb 2021

Civil Engineer, [Atkins](#) | Engineering firm | Jul 2018 - Nov 2019

EDUCATION

Hong Kong University of Science and Technology Sep 2014 - Aug 2018

- Bachelor of Engineering, Civil Engineering, graduate with Second Class Honor

SIDE PROJECTS

Openrice Canada (Github repo)

TypeScript (React) // PostgreSQL / Java / Docker

- Built a website for users to locate their favourite restaurants and restaurants owners to upload their restaurants information

TTC Refactor (Github repo) - a website for users to check the TTC (Toronto Transit Commission) estimate time arrival

SKILLS

- Frameworks: React, Redux, Next.js, Vue, Nuxt, .Net, Spring Boot, Node.js, Express, Restful APIs, GraphQL
- Database: PostgreSQL, MySQL, MongoDB
- DevOps and Cloud: Docker, Github Actions, AWS, Azure DevOps
- Languages and Others: C#, Java, Go, TypeScript, JavaScript, PHP, Git, SCSS, HTML, CSS, Figma

LANGUAGES - English (Fluent), Cantonese (Native), Mandarin (Fluent)