

Timothy Li



Toronto, ON



[linkedin.com/in/timothyurl](https://www.linkedin.com/in/timothyurl)



github.com/ttiimmothy



gitlab.com/ttiimmothy



timothyemail805@gmail.com



+1 (647) 563-6728



ttiimmothy.com

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](#) | Toronto, ON | Aug 2022 - Jan 2024

.Net / TypeScript (React) / JavaScript (KnockoutJS / Xamarin / React Native) / SQL / Azure DevOps

- Spearheaded project execution for a web application with **React** by integrating **Agile methodologies** and utilizing **Azure Boards** for task tracking
- Rewrote the SQL queries in the **stored procedures** to enhance the performance of the app in the querying and storing in the database by getting more than 100% time improvement in the loading speed in the CMS
- Cooperated with backend developers and scrum master on developing **headless APIs** to build performant solutions
- Tested the codes in unit testing to keep track of **CI/CD** development and responded 5+ peers' code reviews in 100+ pull requests
- Developed main components of the Xamarin mobile application and a high quality **React Native** mobile application

Software Engineer, [Cable Television](#) | Sep 2021 - Jun 2022

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

- Archived system integration for a microservices architecture, implementing resilient distributed systems that **enhanced fault tolerance by 40%**, leveraging **Docker and Kubernetes** over a period of 6 months
- Performed **Search Engine Optimization** of the company website to **increase tracking accuracy by 60%**
- Redesigned a mobile app with **React Native** and **GraphQL** to increase data customization for app rendering by 80%
- Facilitated cloud technologies adoption by migrating the applications to **cloud technologies (AWS)**, achieving a **20% reduction in operational costs** and enhancing system reliability

Backend Engineer, [Ecosa](#) | Jun 2021 - Aug 2021

PHP / MySQL / JavaScript (Vue) / PrestaShop / AWS

- Improved the **search function** performance in CMS to **reduce the SQL query execution time** in the relational database **by 40%**
- Developed a **notification function** for weekly shipments to keep track on stock capacity
- Diagnosed and troubleshoot server issues for the high-traffic web applications utilizing tools such as **AWS CloudWatch**, **reducing system downtime by 30%**

Civil Engineer, [Meinhardt](#) | Nov 2019 - Jan 2021

Assistant Civil Engineer, [Atkins](#) | Sep 2018 - Oct 2019

EDUCATION

BEng, Civil Engineering, Hong Kong University of Science and Technology Sep 2014 - Jun 2018

SIDE PROJECTS

Openrice Canada (Github)

- Helped users to locate the favourite restaurants and restaurants owners to upload their restaurants information

TTC ETA Tracker (Github) - a website for users to check the TTC (Toronto Transit Commission) estimated time arrival

SKILLS

- Frameworks: React, Redux, NextJS, 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, Python, PHP, Git, SCSS, HTML, CSS, Figma

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