

# Timothy Li

Software Engineer, Toronto

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## 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 - Jan 2023

HTML / Dotnet / SQL / Azure DevOps

- Increased the speed 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 retail solutions (the retail dashboard)
- Cooperated with backend developers on changing the web APIs to **headless APIs** and DevOps developers to update the app daily in an **agile environment**

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

NodeJS / TypeScript (React) / PHP / GraphQL / MySQL / AWS

- 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 to solve the Unicode standard issues in the E-commerce CMS system

**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

**Loyalty Reward (GitLab repo)**

TypeScript (React) / React Native / PostgreSQL / Java / AWS / Docker

- Built a cms system for clients to make modifications in the surgery types, reward types and get basic customers' information
- Built a mobile app for customers and agents to make appointments and make phone calls to find new customers

**Splendor (GitLab repo)** - a web app as the online platform for visitors to play board game Splendor

## SKILLS

- Frameworks: React, Next.js, @reduxjs/toolkit, Vue, Nuxt, .Net, Node.js, Express, Spring Boot, Django, Restful APIs, GraphQL
- Database: PostgreSQL, MySQL, MongoDB, Redis
- DevOps and Cloud: Git, Github Actions, Kubernetes, Docker, Terraform, AWS, Azure DevOps
- Languages and Others: C#, Java, Python, Go, TypeScript, JavaScript, Apache Kafka, AWS Lambda, HTML5, CSS, SCSS

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