Timothy Li

Software Engineer
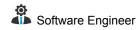
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SUMMARY

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 / .Net / 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
- 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 | Sep 2021 - May 2022

Node.js / 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
- Troubleshot and optimized the SQL queries in the e-commerce dashboard

Bridge Engineer, Meinhardt | Engineering firm | Nov 2019 - Jan 2021

Civil Engineer, Atkins | Engineering firm | Sep 2018 - Oct 2019

EDUCATION

Hong Kong University of Science and Technology Sep 2014 - Jun 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) estimated 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)