

# HO HIN TONG

## Full Stack Developer

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## SUMMARY

Highly motivated Full Stack Developer with expertise in TypeScript and MERN stack. Eager to secure a role that fosters my growth as a developer and allows me to work collaboratively to build innovative applications. **Open to relocation.**

## SKILLS

**Development:** HTML, CSS, Tailwind CSS, JavaScript, TypeScript, React, Next.js, Redux, Node.js, Express, REST API, GraphQL, Electron, React Native, Python, Django

**Databases:** MySQL, MongoDB, Firebase, SQLite

**Tools and Technologies:** Git, AWS, Linux, Agile, Jira, Jest, Docker, Jenkins, Postman, Google Maps API, Twilio API, Socket.io, Leaflet.js, Chart.js

## WORK EXPERIENCE

- Software Developer**, NovaXpress Courier Services, Halifax 2023 – Present
- Successfully migrated the company's website from Handlebars to **React** with **TypeScript**, resulting in a **30% reduction in page load time, streamlined code structure, improved performance**, and **greater maintainability**
  - Developed a robust API using **Express** for the frontend of the application, with data stored in **MongoDB**
  - Improved the user experience by implementing a new and modern **user interface design**, resulting in a **25% increase in user engagement**
  - Conducted **code reviews** to ensure code quality and consistency, resulting in a **25% decrease in bugs**

**Electoral Assistant**, Registration and Electoral Office, Hong Kong 2018 – 2022

## PROJECTS

**Company Website** - [novaxpress.ca](https://novaxpress.ca)

- Single-handedly designed and developed the website for NovaXpress Courier Services, built with **TypeScript, React, Express** and **MongoDB**

**Property Management Portal** - [github.com/tonghohin/firebase-portal](https://github.com/tonghohin/firebase-portal)

- Designed and developed a property management portal which facilitates communication between tenants and superintendents, which involved full stack development using **TypeScript, React, Redux, Tailwind CSS, Express, MongoDB** and **Firebase**

**Risk Data Visualization Application** - [risk-viz.vercel.app](https://risk-viz.vercel.app)

- An application with an interactive map, data table, and line graph that allow users to visualize and interact with the risk data. Built with **TypeScript, Next.js, Chart.js, Leaflet.js** and **Vercel**

**Real-time Chat Application** - [github.com/tonghohin/chatapp](https://github.com/tonghohin/chatapp)

- Designed and developed a chat application that implemented real-time multi-user chatting function built with **JavaScript, Express, Socket.io, Passport.js** and **MySQL**

## CERTIFICATIONS

**MongoDB Certified Associate Developer** (Certification ID: MDBxtxqs3eozb) 2023

**AWS Certified Cloud Practitioner** (Certification ID: E4QWYDSCXMEQMK5) 2023

## EDUCATION

**Full Stack Application Development Graduate Certificate**, NSCC, Halifax 2022 – 2023

**Bachelor of Social Sciences in Sociology (Hons)**, Lingnan University, Hong Kong 2013 – 2017