

# Minh Tu Ngo

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## EXPERIENCE

### Volunteer - Web Developer

Sep 2022 – Oct 2022

Co-Design

Remote

- Improved checkout experience by adding address verification, product suggestions, and front-end optimizations, such as image optimization, reducing load time by 20%.
- Migrated the company's legacy website to React and provided inputs for front-end development.

### Web Developer Intern

Sep 2021 – Apr 2022

Taubyte

Remote

- Developed a platform that provides build and deploy services for web applications and websites, primarily contributing to the front end using Vue and Bootstrap.
- Enhanced authentication flows by adding GitHub OAuth and increased code coverage by 30% by using Jest for unit testing.
- Resolved long-standing bugs by refactoring the codebase, leading to a 15% decrease in downtime and a 32% decrease in customer complaints.
- Refined performance by 25% by establishing bi-directional communication with WebSocket for requesting and retrieving data.

### Freelance Web Developer

Sep 2021 – Oct 2021

Pho Chopstix

Kingston, ON

- Built a website for a local restaurant with 500+ visitors per month using React and Bootstrap.
- Improved Google rankings to the top 5 results for primary keywords by optimizing the site for mobile devices and improving load time with lazy loading.

## PROJECTS

**CineCity** | React, Node.js, Express, MongoDB, Firebase (<https://cine-cty.vercel.app>)

- Developed a movie web app including features such as the ability for users to add reviews, favorite movies, and change passwords and profile pictures.
- Created a consistent interface and engaging features such as movie trailers using Material UI and Swiper.
- Improved the quality and reliability of the collected data using Yup and Formik, resulting in a smoother user experience and a reduction in potential errors.

**Vaccine Cloud** | React, Node.js, Express, MongoDB, ViteJS

- Built a vaccine passport system that manages vaccines, doses, and registered residents.
- Created a user management system to identify users with QR codes, reducing user lookup time by 50%.
- Designed and built a REST API for CRUD operations and containerized the app using Docker.

**JBook** | React, Redux, TypeScript

- Created a browser-based coding app with a cumulative code execution feature to execute user-provided code, render React components, and import NPM modules in the browser.
- Leveraged Web Assembly to run a code bundler directly in the browser with near-native performance.

**Kanban Board** | React, Redux, Redux Toolkit, Node.js, Express, MongoDB

- Developed a Kanban app that features drag and drop, allowing users to easily organize and prioritize tasks.
- Implemented JWT-based authentication and authorization to ensure the security of user data.

## EDUCATION

**St. Lawrence College**

Kingston, ON

Advanced Diploma in Computer Programmer Analyst, 3.77 GPA

Sep 2019 – Apr 2022

- Coursework: Web Development, Mobile App Development, Databases, OOP, Networking, Linux.

## SKILLS & INTERESTS

**Languages:** JavaScript, HTML/CSS, TypeScript, Python, C#.

**Technologies:** React, Redux, NextJS, Bootstrap, Tailwind CSS, Node.js, Express.

**Other:** Git, GitHub, Bitbucket, Jira, Firebase, Sanity, MongoDB, MySQL, GraphQL.

**Certifications:** AWS Certified Cloud Practitioner, Microsoft Certified Azure AI Fundamentals.

**Interests:** Football, Reddit, eCommerce, Board Games, Bubble Tea.