

Thang Nguyen

📞 647-770-4750 ✉️ thang.nguyen@torontomu.ca 🌐 thangnguyento.com 🌐 [linkedin.com/in/thang-nguyen98](https://www.linkedin.com/in/thang-nguyen98) 🐙 github.com/thangnguyenvn98

Education

Toronto Metropolitan University (Formerly Ryerson University)

September 2022 - May 2026

B.S Computer Science (Co-op)

Toronto, ON

- Relevant coursework: Data Structure and Algorithm, Operating Systems

Experience

Bank of Canada

May 2023 – Sep 2023

Web Developer Intern

Ottawa, ON

- Utilized JavaScript to customize library for graph representation and implemented new features to enhance visual appeal and user experience, leading to improved website engagement.
- Actively participated in SCRUM meetings, adopting Agile methodology to improve team efficiency, resulting in a **15%** reduction in the load time of the main website.
- Conducted rigorous testing with Behat (Gherkin) and PHPUnit, improving code reliability and reducing system issues by **20%**, leading to a more robust and efficient system.
- Leveraged PHP framework to rewrite queries and interact with MySQL database, efficiently retrieving financial data in JSON format and streamlined data management.
- Organized and led technical discussions with team members and other university students, sharing valuable insights and experiences gained during the internship.

Projects

Booking App | MongoDB, ExpressJS, React, NodeJS, Tailwind CSS.

May 2023

- Developed a comprehensive full-stack web application for booking places using the **MERN** stack.
- Implemented a secure authentication system using **Express**, salt encryption with a cookie session setup.
- Integrated **AWS S3** for storing and retrieving photos, enabling a feature for users to upload and preview.

Employee Management System | React, Spring Boot, Clerk, Tailwind CSS, MySQL

March 2023

- Developed **RESTful** APIs using **React** and **Spring Boot**, ensuring efficient communication between frontend and backend systems.
- Utilized **SQL** to design and optimize database queries, improving system performance by 20%.
- Implemented a secure authentication system using **Clerk**, providing secure environment for user login.
- Incorporated **Tailwind CSS** for designing a responsive modern UI/UX across various screen sizes.
- Leveraged **Postman** for API testing and interaction with a **MySQL** database for seamless data flow.

PostUrThought.vercel.app | NextJS, Typescript, Tailwind CSS, Prisma, PostgreSQL

Jan 2023

- Developed **Full-Stack** web application for posting and commenting using **NextJS 13** with CRUD.
- Integrated Google Authentication for secure user access and leveraged **Prisma** for **ORM**.
- Creating custom back-end **API** through **Axios** for fetch, find and manipulate data to **Cloud** Database.
- Utilized **Toast** for interactive notification that provides instant feedback and improve user experience.
- Automatically cached website with **TanStack Query** when post, comment is created and deleted.

Technical Skills

Languages: HTML/CSS, JavaScript, Python, C, Java, TypeScript, SQL, PHP

Developer Tools: Git, Confluence, VS Code, Slack, Jira, Mac, Window, MS Teams, SVN, Linux, Postman

Libraries/Frameworks: React, Next.js, Tailwind, Express.js, Node.js, Prisma, WordPress