

# THANH HA NGUYEN

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## EDUCATION

### McMaster University

Honours Computer Science Co-op (B.A.Sc.), Minor in Economics

Hamilton, Ontario

Sept 2021 - Present (Expected graduation May 2026)

## CERTIFICATES

**Microsoft Certified: Power BI Data Analyst Associate** (Score: 803/1000) (Jan 2024)

## EXPERIENCE

### Software Developer Intern - Frontend and Backend

Evertz Microsystems Ltd.

May 2024 – Present

Burlington, Canada

- Work mainly as a frontend developer intern in a dynamic, **cross-functional team** of backend developers, frontend developers, and QA testers, collaborating to deliver high-quality features and improvements.
- Utilize **Angular and TypeScript** to build, maintain, and enhance responsive, user-friendly frontend components, ensuring alignment with project requirements and design specifications.
- Integrated **AWS services (Lambda, S3, DynamoDB)** in occasional backend tasks.
- Improve the **performance and scalability of the company's cloud platform EIO** (<https://evertz.io/>), by optimizing code, reducing load times, and contributing to best practices in performance tuning.

### Front-end Developer

Harmonysoft

May 2023 – Aug 2023

Hanoi, Vietnam

- Developed a music center management user interface to **manage up to 200 students**, teachers, classrooms, and types of equipment, resulting in a **time reduction of 70% of administrative tasks**.
- Collaborated with a **cross-functional team of 5 members** including designers and front-end/ back-end developers to create a responsive and visually appealing user interface seamlessly integrated with the backend services.
- Incorporated **HTML, CSS, JavaScript**, and **ReactJS/ React Native** to build web/ mobile applications, and used **Figma** to design mobile application.

## PROJECTS

### Personal Website | JavaScript, ReactJS, TailwindCSS, HTML, CSS

May 2023 – Sept 2023

- Provided a concise introduction, highlighting my technical expertise, skills, unique value proposition, and certificates.
- Contained essential details such as my email address, phone number, and links to my professional social media profiles, as well as samples of previous projects and designs to demonstrate my skills.

### The Dill Banh My | TypeScript, AWS, ReactJS, Material UI, HTML, CSS

June 2025 – Now

- A serverless e-commerce web app using React, hosted on AWS Amplify, enabling customers to place orders for Vietnamese bánh mì and drinks through a modern, responsive UI.
- Developed an admin dashboard with protected REST endpoints (API Gateway + Lambda + JWT authorizer) to perform CRUD operations on menu sections.
- Configured end-to-end CI/CD in AWS Amplify, automating deployment of both the frontend and backend.

## SKILLS

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

**Libraries:** ReactJS, React Native

**Frameworks:** Angular

**Others:** Git, Jira, RESTful API, VS Code, Eclipse, Figma, Data Structures and Algorithms, Software Design, Windows, VirtualBox, PyCharm

**MS Office:** Power BI, Word, PowerPoint, Excel, Outlook.

**Soft skills:** Analytical skills, self-study, teamwork, multi-tasking, time management, bi-lingual (English, Vietnamese).