

# Ethan Haque

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## Work Experience

### Three Trees Technical - EPorter

Nov 2021 – Jun 2022

Full Stack Developer

Full time

- Worked with a small team to develop a complete package delivery system for a startup.
  - \* Web App and Mobile App: Various pages, Forms, Photo/file uploading, and Map Routing
  - \* Back-end: Data structure, REST functions for Payment processor (Peloton), Deliveries, and Users
  - \* Hosting (Digital Ocean): Image/file upload server, Web Client, and landing page
- MongoDB, Angular 12, TypeScript, NodeJS, Ionic Framework (IOS & Android), Digital Ocean, and Docker.

### Metl Solutions

May 2021 – Aug 2021

Backend Developer

Co-op

- Worked with a group of Capstone students to implement a MS Teams bot that interacts with their API.
- Primarily worked on chat event handling and bot backend. Modified API REST functions to support the bot.
- Assisted with documentation and presentations.
- Worked with NodeJS, Python, and Django.

## Education

### Camosun College

Sept 2019 – Aug 2021

Information and Computer systems

Diploma

- Learned concrete skills on how to:
  - \* program, deploy, secure, and maintain software applications to meet requirements.
  - \* design, analyze, maintain, and interpret data.
  - \* effectively communicate and collaborate with colleagues, team members, employers, and technical and non-technical personnel.
- Hands-on work in web and mobile programming, database design and management, software design, and operations and maintenance of networks and software.

## Projects

### React Typing Test

[github.com/Ethan-Haque/typing-test-react](https://github.com/Ethan-Haque/typing-test-react)

- Typing test made in React with Tailwind CSS.
  - \* Time, words per minute and accuracy are tracked and displayed.
  - \* Options for timer and number of sentences accessible with keyboard/mouse.
- Built with React and Tailwind CSS.

### Numpad Calculator

[github.com/Ethan-Haque/duckboard-apps](https://github.com/Ethan-Haque/duckboard-apps)

- Reprogrammed custom numpad to have onboard calculator functionality.
  - \* OLED display shows current equation/answer.
  - \* Answer is saved in onboard memory and can be outputted through the print\_ans key.
- Keymap written in C. Compiled and flashed using QMK terminal.

## Skills

**Languages** HTML, JavaScript, C++, C#, SQL, Java, Python, PHP

**Frameworks and Tools** NodeJS, Angular, React, Git, Docker, MongoDB, Django, AWS (DynamoDB, EC2, S3)