

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: Created various pages and forms. Worked on photo/file uploading and assisted with map routing.
 - * Backend: Created controllers, models and routing for payment processor integration (Peloton), deliveries, users, entities and more.
 - * Team: Daily stand ups, code reviews, and testing.
- 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 be compatible with MS Teams.
 - * 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.
- 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

- Minimal typing test that delivers a "reactive" typing experience.
 - * Dynamic padding and keypress hook provides a clean aesthetic that discourages looking ahead.
 - * Time, words per minute and accuracy are tracked and saved to database through serverless functions and FaunaQL. Results are displayed within leaderboard sorted by sentence count.
 - * Settings for timer and number of sentences stored in local storage. Keyboard and mouse accessible.
- Built with React and Tailwind CSS. Hosted on Netlify with FaunaDB as the database.

Numpad Calculator

github.com/Ethan-Haque/duckboard-calc

- Reprogrammed custom numpad to have onboard calculator functionality.
 - * 4 function calculator (Add, subtract, multiply, divide) using Tinyexpr.
 - * OLED display shows current equation/answer.
 - * Answer is saved in onboard memory and can be outputted through print_ans key.
- Keymap written in C. Compiled and flashed using QMK terminal.

⚙ Skills

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

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