Ethan Haque

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◕ Work Experience

Three Trees Technical - EPorter
Full Stack Developer

Nov 2021 – Jun 2022
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
Backend Developer

May 2021 - Aug 2021
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
Information and Computer systems

Sept 2019 - Aug 2021
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

> Typing test made in React with Tailwind CSS.
>   * Simple design with hook to track key presses instead of textbox.
>   * Time, words per minute and accuracy are tracked and displayed.
>   * Settings for timer and number of sentences stored in local storage. Accessible with both keyboard and mouse.
> Built with React and Tailwind CSS.

Numpad Calculator
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, TypeScript, SQL, PHP, Java, Python, C++, C#
Frameworks and Tools NodeJS, Angular, React, Git, Docker, MongoDB, Django, AWS (DynamoDB, EC2, S3)