JAISHREE BALAMURUGAN
Computer Engineering Student

+1 (519) 573 6705
jbalamur@uwaterloo.ca
https://jaishreebala.com/portfolio
https://github.com/jaishreebala

Skills

Languages

C++, Python, JavaScript, C#, HTML5, CSS3, PHP, MySQL

Technologies

React, node.js, Express, MongoDB, Mongoose, Sass, Unity

Versioning and other tools

Figma, Zeplin, Git, GitHub, Jira

Accomplishments

- Active volunteer & member of Women in Engineering.
- Term Dean's honors list (Winter)
- Content Creator on YouTube ⊙
  upload tutorials related to web development and UI/UX Design.
- Actively involved in Hackathons
  QuickCheck ⊙ *Dubhacks, 2020*
  An online symptom checker that allows users to get a preliminary diagnosis, based on their symptoms.
  Inner Peace ⊙ *StarterHacks, 2020*
  A mood tracking web app whose front end is completed.

Hobbies

Game Development

- Coin Dash ⊙
  Created a 3D game in unity where the player has to collect coins to win.
- Terminal Hacker ⊙
  Created a 2D game in unity where the player has to guess the password to win.

Writer

- Avid writer, won first prize for poetry in high school.

Work Experience

Web Application Developer

FrontRush Powered by ACS Athletics   *Sep '20 – Dec '20*

- Developed the company's new website using HTML5/CSS/ JavaScript/ jQuery, which led to a better user experience.
- Demonstrated excellence in HTML DOM Manipulation by creating features like drag & drop, full screen mode, custom multiselect dropdowns, pop-ups etc.
- Developed clean and efficient JavaScript code and documented the code for future use.

Technical Implementation & Software Support Specialist

FrontRush Powered by ACS Athletics   *Jan '20 – Apr '20*

- Wrote queries in SQL that made the data upload process quicker and easier.
- Coded VBA Macros that automatically format the data from customers, so that it is ready for upload to the system.
- Coded the company's new web application as a side project and implemented modern UI/UX design principles.
- Used Zendesk to complete tickets efficiently.

Selected Projects

Writer's Cafe ⊙   *MongoDB, Express, React, Nodejs, Postman*

- Developed a MERN stack web application where users can read other writers' works (like novels, stories etc.) or write their own after creating an account.
- Integrated a voice recognition software so that the user can dictate their written work instead of typing.
- Added features that allow users to filter stories by their genre and work type, leave comments and ratings, find authors residing nearby, public/private written works etc.

Invert.io ⊙   *HTML/CSS/JavaScript/manifest.json*

- Created a chrome extension for toggling between dark & light theme on any web page.

Amazon Price Tracker ⊙   *Python, Beautiful Soup*

- Coded a python script to keep track of a specific product on amazon and send an email to the user when it falls in the desirable price range.

Covid Tracker ⊙   *HTML/CSS/JavaScript/Chart.js*

- Created a web application that displays Covid-19 statistics for all countries and used chart.JS to display graphs.