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#, PHP, SQL, HTML5, CSS3, jQuery

Technologies
React, Node.js, Express, MongoDB, Mongoose, Sass, Unity, MySQL, PostgreSQL

Accomplishments

- Active volunteer & member of Women in Engineering.
- Content Creator on YouTube ⏺ Upload tutorials related to web development.
- Participation at Hackathons

  Investar ⭘ ⏺ *SheHacks '21*
  A website that teaches kids about stock market using fake currency to buy/sell real stock, for practice.

  QuickCheck ⭘ 🌐 *Dubhacks '20*
  An online symptom checker that allows users to get a preliminary diagnosis, based on their symptoms.

  InnerPeace ⭘ 🌐 *StarterHacks '20*
  A mood tracking web app (front end completed).

Hobbies

Game Development

- Digging Gem ⭘ *Unity 2D*
  The player has to collect gems without getting crushed.
- Coin Dash ⭘ *Unity 3D*
  The player has to collect coins.

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.

Technical Implementation & Software Support Specialist
FrontRush Powered by ACS Athletics   *Jan '20 – Apr '20*

- Wrote queries in SQL to accelerate data upload process.
- Coded VBA Macros that automatically format data from customers.
- Coded the company's new front end using HTML/CSS.

Selected Projects

Writer's Café ⭘ 🌐 *MongoDB, Express, React, Nodejs, Voice Recognition*

- Developed a MERN stack web application where users can read each other's literary work or write their own.
- Added features like voice recognition, filtration, comments, ratings, public/private literary works etc.
- Used geocoding to find authors residing nearby.

Gallery.io ⭘ 🌐 *MongoDB, Express, React, Nodejs, JWT*

- Created an image repository where users can securely upload photos and view other user's post on their feed.

Invert.io ⭘ *HTML/CSS/JavaScript/manifest.json, Chrome Extension*

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

Job Scraper ⭘ *Python, Beautiful Soup*

- Coded a python script to go through LinkedIn job postings and find jobs that match the user's skills (based on user input) and display the best matches.

Breast Cancer Classifier ⭘ *Python, Pandas, Numpy, matplotlib, SVM*

- Coded a model that predicts breast cancer as benign/malignant.

Computer Vision ⭘ *Python, Tensorflow, Neural Network, Convolutions*

- Created and trained a deep neural network to recognize a piece of clothing from the Fashion MNIST Dataset.