JAISHREE BALAMURUGAN
Computer Engineer

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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, 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   *Sept '20 – Present*

- 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 further 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

Bootcamp Management API 🔗   *Nodejs/MongoDB/Express*

- Developed a RESTful backend API that manages bootcamps, courses, reviews, users and authentication.
- Created basic CRUD functionality, advanced querying & sorting features, aggregation of reviews, geocoding to find nearby bootcamps, pagination for the results etc.
- Implemented authentication of users using JWT and cookies.

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.

Recipe App 🔗   *React, API Integration*

- Developed a web application that allows users to search for their favorite recipes.