Jaishree Balamurugan
Computer engineer

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Work Expereince

Web Application Developer

FrontRush Powered By ACS Athletics   *Sept '20 – Present*

- Developed the company's new website using HTML5/CSS/ JavaScript/ jQuery, boosting user experience.
- Demonstrated excellence in HTML DOM Manipulation by creating features like drag & drop, fullscreen mode, pop-ups etc.
- Developed clean and efficient JavaScript code and documented code for furthur use.

Technical Implementation & Software Support Specialist

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

- Coded the company's new web application and implemented modern UI/UX design principles.
- Displayed quick learning through mastery of mySQL and a foreign company database in two weeks.
- Increased efficiency in work by coding VBA Macros that automated the process of finishing tickets.
- Used Zendesk to complete tickets efficiently.

Selected Projects

Bootcamp Management API   *Nodejs, MongoDB, Express, Postman*

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

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

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

Amazon Price Tracker   *Python, Beautiful Soup*

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

Recipe App   *React*

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

Skills

Languages
C++, Python, JavaScript, C#, HTML5, CSS3, PHP, mySQL

Technologies
React, node.js, Express, MongoDB

Versioning and other tools
Figma, Zeplin,Git, GitHub, GitBash, Terminal, Jira, Zendesk

Accomplishments

- Active volunteer & member of WiE outreach squad
- Term Dean's honors list *Winter 2020*
- Content Creator On Youtube, upload tutorials related to web development and UI/UX Design.
- Active Participator 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 that where the player has to guess the password to win.

Writer

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