Poovaragavan D
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poova-ragavan.github.io

Professional Summary

Software Engineering Graduate seeking an opportunity to draw upon my skills in software designing, developing and testing. A Fast learner with solid problem-solving and analytical thinking skills, strong time management and multi-tasking skills. Knowledge in design, development, implementing Web Applications using HTML, CSS and JavaScript**.**

- Hands on experience with version Control tools like **GitHub.**
- Experience in Client side Technologies such as **HTML, CSS, JavaScript.**
- Experience in Object-Oriented Programming (OOP).
- Successful in communicating with people at all levels and with other departments as needed to best serve the customer.

Technical Skills

Version Control System tools	GitHub
Operating Systems	Windows, Linux
IDE	Visual Studio
Database	SQL
Web Technologies	HTML, CSS, JavaScript
Languages	C, JAVA,Python
Microsoft Office Tools	MS Word, MS Excel, MS Powerpoint, Outlook

Technical Course

GOOGLE INDIA CHALLENGE SCHOLARSHIP – 2018
Recipient of GOOGLE INDIA CHALLENGE SCHOLARSHIP – 2018 (Phase-1)
For Front End Web Development in collaboration with UDACITY.

Projects

Title : Personal Portfolio Website

poova-ragavan.github.io

- This project is a website for personal portfolio for a software developer.
- Navigation bar consists of four sections Home, About, Projects and Contact.
- The navigation bar is always at the top of the viewport. You could click on the links to navigate to different sections of the page.
- The website is developed in html,css using w3.css framework.
- Hosted the website using Github. You could find the source code on my github repository. (github.com/Poova-Ragavan)

Environment : GitHub, Visual studio.

Title: Sudoku solver

- This project is about solving the sudoku puzzle using the Backtracking Algorithm.
- We get a sudoku puzzle from online sudoku generator and use it as an input for this project.
- Initially set the grid size to 9 , since we are solving 9*9 grid with 3*3 subgrids.
- To solve the puzzle, We check against every row, column and 3*3 sub grid, if the number is already placed or not.
- We are using a Backtracking algorithm, So basically, the idea behind the backtracking technique is that it searches for a solution to a problem among all the available options.
- we start the backtracking from one possible option and if the problem is solved with that selected option then we return the solution else we backtrack and select another option from the remaining available options.
- We are finding the solution from the various option available is repeated recursively until we don't find the solution or we reach the final state. So we can conclude that backtracking at every step eliminates those choices that cannot give us the solution and proceeds to those choices that have the potential of taking us to the solution.

Environment : Visual studio.

Academic Profile

B. Tech in Information Technology – 2020
Indra Ganesan College of Engineering TN, INDIA