Meghna Singh

Software Engineer

A self-driven individual who is good at problem-solving and programming, with an emphasis on writing clean and maintainable code. Experienced with data structures/algorithms and designing optimal solutions, aspiring to make a career in software engineering with a focus on full-stack development.

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SKILLS

- Data Structure and Algorithms
- Python
- JavaScript
- ReactJS
- HTML
- CSS

ACHIEVEMENTS

- Prof CNR RAO Merit Scholarship - awarded to top 20% students of the department from 1st to 7th semester.
- Prof MRD Merit Scholarship - awarded to the top 20% students of the department from 1st to 7th semester.

INTERNSHIPS/PROJECTS

Photo Sharing App
Apprenticeship

01/2022 - 02/2022

Achievements

- **Technologies used: React JS**
- **Github Links:** https://github.com/megsingh/React_Assignments/tree/main/Assignment-4
- Developed the front end of a photo sharing app
- Built the landing page and feed page
- Handled the navigation using routing

My Website
Apprenticeship

12/2021 - 12/2021

Achievements

- **Technologies used: HTML5,CSS3**
- **Github Links:**
- Built a start page in pure HTML, containing header, footer, search bar, side bars and a main container
- Used semantic elements in HTML to structure the page.
- Used CSS to apply style to and control the position of HTML elements.

ToDo Apps
Apprenticeship

02/2022 - 03/2022

Achievements

- **Technologies used: Javascript/ React**
- **Github Links:** https://github.com/megsingh/JavaScript-Assignments/tree/master/assignments/todo_list
- Worked with vanilla JavaScript and DOM apis to create a Todo App
- Used promises and fetch api to get the data to render on front end
- Used React to edit, delete and update list items and render on the DOM

Reaction wheel based self balancing cube (Capstone Project)
PES University

08/2020 - 07/2021

Achievements

- **Technologies used: MATLAB, Simulink, Embedded C**
- **Github Links:** https://github.com/Anusha4599/Public-wheelibot
- Designed and implemented a Cube shaped robot capable of jumping up and balancing on its wheel(s) under Rs15000 budget with 72 percent efficiency
- Visual simulation of 2D and 3D Mathematic Model on Simulink
- Integration of hardware and software components on the microcontroller

EDUCATION

Full-Stack Developer Bootcamp - A six-months full time program, focused on DS/algos/Full-stack tech
10x Academy

09/2021 - 04/2022

Bachelor's of Technology
PES University

06/2017 - 06/2021 *CGPA- 9.24*