**DAILY JOURNAL**

This journal contains all the progress I made through the next 30 days over the period of Dec 10 2020 - Jan 9 2021

Github repo : <https://github.com/Sashankr/codedamn-30day-fe-dev>

**Day 1**

Dec 10

Started working on HTTP Fundamentals.

I learned about DNS, HTTP status codes, Port numbers, Response Headers and Raw Request to a server with netcat.

Notes:

<https://www.notion.so/HTTP-fundamentals-6fe5fbba54644480857c99cd011a7086>

**Day 2**

Dec 11

I completed watching all the HTML and CSS basics videos and have practiced them on my local machine with VSCode.

I finished the course by creating a clone of google homepage

<https://sashankr.github.io/codedamn-30day-fe-dev/HTML&CSS-course/google-homepage-clone/index.html>

HTML and CSS notes :

<https://www.notion.so/HTML-CSS-99c639069cb74c79bbf0ce4c441b2db4>

**Day 3**

Dec 12

Completed all HTML and CSS classroom exercises, completed Flexbox classroom exercises.

Finished working on flexbox froggy. It was a really fun experience. I learnt about align-content and flex-flow in that game which weren’t covered on codedamn.

Tomorrow I will finish CSS grid, Grid garden and Practice projects.

Notes on HTML, CSS, Flexbox exercises: <https://www.notion.so/Classroom-Exercises-83a21e6b9674438c87ff0c72f7eed8dd>

**Day 4**

Dec 13

Completed CSS grid classroom exercises, I learnt to create responsive layouts easily with grid-template-areas and media queries.

Notes on CSS Grid:

<https://www.notion.so/CSS-Grid-496ae07884d74b01b5ffc7ef9b2cc2b8>

Completed building 2 projects,

Tribute Page : <https://sashankr.github.io/codedamn-30day-fe-dev/HTML%26CSS-course/html-css-practice-projects/tribute-page/index.html>

Survey Form :

<https://sashankr.github.io/codedamn-30day-fe-dev/HTML%26CSS-course/html-css-practice-projects/survey-form/index.html>

Tomorrow I will finish product landing page project and grid garden, then move on to JavaScript

**Day 5**

Dec 14

Done with HTML and CSS, I finished the last project.

I also completed working on the Grid garden game.

Product landing page:

<https://sashankr.github.io/codedamn-30day-fe-dev/HTML%26CSS-course/html-css-practice-projects/product-landing-page/index.html>

I have started watching JavaScript basics videos, I’ve completed till return statements.

Tomorrow I will finish all the basic videos and start working on the basic javascript challenges classroom.

Notes on JS so far:

<https://www.notion.so/JavaScript-2795791984be4f96b48a2a07cae4aa54>

**Day 6**

Dec 15

I’m almost done with Basic JS videos, today I worked on logical operators, loops, switch case, array methods such as reduce,filter,forEach.

I made use of a [filter method](https://github.com/Sashankr/codedamn-30day-fe-dev/blob/master/javascript/js-practice/array-filter/filter.js) to filter a salary array based on a condition.

Tomorrow I will finish basic JS videos and start working on exercises.

[Notes for JS so far](https://www.notion.so/JavaScript-2795791984be4f96b48a2a07cae4aa54)

**Day 7**

Dec 16

I have completed JS Basics video course, today I worked on DOM and event handlers.

I learnt about setTimeout and setInterval, and also worked on clearInterval and clearTimeout, which work based on the id returned by the setTimeout and interval functions.

Tomorrow I will start working on the basic JS exercises.

[Complete JS Basics Notes](https://www.notion.so/JavaScript-2795791984be4f96b48a2a07cae4aa54) .

**Day 8**

Dec 17

I am almost done with completing Basic Javascript exercises, today I worked on objects and arrays. Solved a couple of challenges such as music library and golf game.

Notes for today : <https://www.notion.so/Javascript-Basics-ecd1d14fb4a74454893349bb44a115cb>

**Day 9**

Dec 18

I have completed all the basic javascript exercises today, I learnt to use a for loop to iterate through an array of objects and solved a profile lookup problem.

I also worked on Recursion, which is a function calling itself until the base condition is false.  Tomorrow I will start working on Data Structures and Algorithms and start building Practice projects.

**Day 10**

Dec 19

I started with Basic Data Structures challenges but could only put in an hour today, I will try to finish it tomorrow and proceed with JS projects

**Day 11**

Dec 20

Finished first 25 challenges in Basic Algorithms, I learned about split method, **in** keyword to find if a property exists in an object, Object.keys() method which returns all the keys of an object in an array

I try to solve 25 more tomorrow, it is taking time to come up with solutions, but I hope with practice it gets better.

**Day 12**

Dec 21

Finished 9 challenges today, most of them were based on .split(‘ ’), .splice(), slice methods. I hope I can start my day early tomorrow and complete rest of the 22 problems

**Day 13**

Dec 22

I could do only 4 today, I will try to be efficient from tomorrow, I will analyze the problem with a 10 min timer, try to come up with a solution and code it in next 10 mins. I hopefully should be able to finish the rest 17 of the problems, and then move on to building JS Projects.

**Day 14**

Dec 23

I still need to do 13 more. Today I worked on a lot of problems based on Regex i need to learn more about them online, they are an excellent way to filter an input.

**Day 15**

Dec 24

Finally done with Basic Algorithms, it has been really frustrating for the past 4-5 days cause of these, I had to see the solution for 80% of the problems, the 20% that I solved on my own took me a lot of time to solve. I have to get good at using strings, arrays and object and regex all of the problems were based on these concepts.

I am going to start building JS Projects now, I hope to learn a lot by building in the next 2 days.

I finished building a Tip calculator using event listeners and template strings.