**Master CSS :- Top CSS frameworks and resources**

The average attention span of a normal person is 8 seconds, so it is really important that your website is attractive in decent way that the user like and continue to stay on it, and in order to do you need to be quite good in CSS. Let’s see how can you master/upgrade your CSS skills.

CSS :- You all know that CSS has a very important role in the website. As HTML provides the structure of the web page, CSS provides layouts (visual and aural) for a variety of devices. So, it becomes very important for a web developer to spend time on styling his/her website to give it a decent look, but if you do this by using pure CSS (by writing everything by your own) it would be very difficult, time consuming and painful.

Then how can we save our precious time and build a decent looking web page?

The answer for this question is by using “CSS Frameworks”

You can understand the term “Framework” as it provides a foundation on which software developers can build programs for a specific platform.

Let’s dive in and explore some of the most popular and common CSS frameworks, which will make your life a lot easier.

1. Bootstrap :- Bootstrap is the most popular CSS framework among the developers, and this is because it is very easy to learn and master, plus the development of website becomes very much faster.

The reason it is the most used framework because of it pre-written classes, to give you an overview suppose you want to add a button then in your HTML file you just have to declare a class “btn” inside button tag, and boom !!

It’s done

<button class=”btn”>Programming Port</button>

The main reason that bootstrap is used more frequently is that, there are pre-written classes for almost everything you need to add in your website.

Official Documentation of Bootstrap :- <https://getbootstrap.com/docs/4.5/getting-started/introduction/>

Free video tutorial for Bootstrap :- <https://www.youtube.com/watch?v=5GcQtLDGXy8>

Pros :- 1. 45% of the CSS developers had used it and would use it again

2 Time saver

3 Prevent Any Browser Compatibility Testing Issues

4 Well-maintained codebase

5 Better consistency and teamwork

6 Low learning curve

Cons :- 1. Battery Drain and Slower Loading Time

2 All Website looks the same

Who is using Bootstrap ?

Twitter, Spotify, Walmart, Intel, Udemy, Mint

1. Materialize CSS :- Materialized CSS is a modern responsive CSS framework designed by “Google”

If you want to make a website which has classy UI, then Materialize contains a plethora of custom CSS to help you accomplish a unique website design. Materialize is a blend of clever CSS and top-notch design aesthetics.

Official Documentation of Materialize CSS :- <https://materializecss.com/>

Free video tutorial to learn Materialize CSS :- <https://www.youtube.com/watch?v=hD3blgVYMtQ&list=PLRAV69dS1uWQMe-An4FwXoPAV7JLXBXmd>

Pros:- 1. 17.7% of the CSS developers have used it and would like to use it again.

2 Variety of Built-in features

3 Reduces Coding Time

4 Great Plugin Selections

5 Ease of Use

Cons :- 1. Complex JavaScript Components

2 Less Support

Who is using Materialize CSS ?

WPArena, Digital Services, GameRaven, DroneDeploy

1. Tailwind :- Tailwind is not a complete framework, rather it is a utility-first framework. This means that you as a developer have more power in your hand, because you can customize it with your custom CSS and also it provides you an ease of development, so it is very handy framework. In Tailwind all you need is to do determine thoroughly is the scope of your project.

Official Documentation of Tailwind :- <https://tailwindcss.com/docs/installation>

Free video tutorial to learn tailwind :- <https://www.youtube.com/watch?v=bxmDnn7lrnk&list=PL4cUxeGkcC9gpXORlEHjc5bgnIi5HEGhw>

Pros :- 1. 4.9% of the CSS developers have used it and would like to use it again

2 Site Unaffected by Individual Changes

3 Ease of Use

4 Highly Customizable

5 Greater Development Speed

Cons :- 1. Insignificant for the Experts

2 Doesn’t Support Grid Layout

Who is using Tailwind ?

BlaBlaCar, otto-now, Website, Clarisights, JetThoughts, EXR

Note one thing that you have to add your custom CSS in your website to achieve a decent looking website. If you use less custom CSS and rely more on the framework for styling then it is more likely that your website somehow looks similar to other websites.

Keep in mind that CSS framework is used only to speed-up your development process.

There are many more frameworks which I had not mentioned here, that doesn’t mean that they are bad or you should not use them.

NO, that’s not the case. The frameworks mentioned here are popular frameworks right now, they have good documentation and they are quiet easy to learn and master in order to give a decent look to your website.

But it highly recommended that you should use the framework according to your requirement, for example: - if you want to develop a website very quickly then go with “Bootstrap”, if you want to give a classy and smooth look to your website then use “Materialize CSS” and if you do not want to write entire CSS by yourself but want it to be customized entirely according to you then my recommendation is that you should use “Tailwind”

Remember one thing that you have to choose a framework according to the use-case, this is best and recommended way in any development practice.

I hope that this article would be helpful for you, and will help you to choose your next or first CSS framework.