

CSS Frameworks and You

**How CSS frameworks can help you with your React projects.
And your Front-End Development in general**

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About me

- Former Software Engineer at Socially Elite Pro
- Volunteer Software Engineer for Austin Public Library. Formally volunteered for Open Austin
- Sometimes build SaaS and online businesses - [APIplaza.co](https://apiplaza.co) | petwarezinc.com
- Tech blogger: <https://medium.com/@7adam7e>
- Sometimes create music. Sometimes do photography

What the presentation is about:

- CSS frameworks. What are they all about?
- How you can use them in most projects?
- Multiple CSS framework examples
- Getting you into using a framework via a step by step guide

What I hope that you get from it

- Improve your Front-End Development
- Attract more users, traffic, or sales to your service
- Stop spending a lot of time center aligning website elements

What are CSS frameworks?

- Ready to use code rules and parameters used for Front-End Dev Work
- Comes with its own styling, layouts, and font styling for each text element
- Lets you easily create responsive grids, forms, buttons, and other elements for a website
- Provides consistent styling for your Front-End Dev work
- Great for adding responsive design to your project

Where you can implement them:

- Small web applications
- Legacy apps
- P.W.A
- SaaS
- Sales pages / landing pages
- Personal websites or client sites
- Codebases with separate CSS libraries referenced

Pros of using frameworks

- Extremely small libraries. Some take only **2 kilobytes** of data to install
- Cut down Dev time
- Ease up testing and user experiences on multiple platforms (smartphones, desktops, tablets, etc)
- Easy to update and change
- They work on any type of JS/React/JS framework project
- Free to use, try and install
- Framework documentation and guides are always available

Multi platform example

- [Example video coming soon]

Cons of CSS Frameworks

- CSS that's already installed in projects loses priority
- Sometimes rigid for Front-End Development. The CSS rules that the framework become the main rules
- It can turn into a mess of code if you don't take good care and organize everything

A few sample frameworks

There's many options to choose from:



Frameworks are all available on npm.js

Free and easy to install on any React project

Demo project

- URL: <https://github.com/tjdev7/reactatx-css-frameworks-samples>
- GitHub Commands:
- <https://github.com/tjdev7/reactatx-css-frameworks-samples.git>
- <git@github.com:tjdev7/reactatx-css-frameworks-samples.git>
- <gh repo clone tjdev7/reactatx-css-frameworks-samples>
- Shortened URL:
- QR code:

My small advice

- Read the documentation. Follow the walkthrough guides before doing anything
- Use a separate Git branch / container / directory to test things out
- Experiment with everything before pushing to main/master

Conclusion

- Hope you liked it
- Hope it helped you out personally
- Hope that you make some great work with it
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Reach out to me:

- Github: <https://github.com/tjdev7/>
- Website: <https://tjdev7.co/>
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Additional resources

- <https://mui.com/>
- <https://getbootstrap.com/>
- <https://tailwindcss.com/>
- <https://get.foundation/>
- <https://bulma.io/>
- <http://getskeleton.com/>
- <https://getuikit.com/>

Npm links

- <https://www.npmjs.com/package/bootstrap>
- <https://www.npmjs.com/package/tailwindcss>
- <https://www.npmjs.com/package/uikit>
- <https://www.npmjs.com/package/bulma>
- <https://www.npmjs.com/package/@mui/material>