

Checkpoint 2: Learn React-JS (12/01/2024)

Greetings!

"Baithe Baithe kya kare, karna hai kuch kaam. Shuru karo ReactJS, leke prabhu ka naam."

Hey future coders! Imagine building your own magical websites – that's React.js! It's like having a box of powerful tools for creating awesome things on the internet. By just learning the basics of JavaScript, and you'll be on your way to making cool stuff with React! So, Let's start. 🚀

For Beginners:

So for the next few days, you will be learning React JS from scratch, and we have listed some beginner-friendly resources for getting started with react.

Deadline - (16/01/2024)

Step 1: Learn React-JS

Documentation:

- Official Documentation: <https://reactjs.org/docs/getting-started.html>.
- React-Router Docs: <https://reactrouter.com/en/main/start/tutorial>.

Video Resources (English):

1. https://www.youtube.com/watch?v=f55qeKGgB_M OR
2. <https://youtu.be/bMknfKXIFA8?si=fV1z8DH0v1YVBz7I>

Video Resources (Hindi):

1. https://www.youtube.com/playlist?list=PLbGui_ZYuhignjLLXTjWkRJKN-SgAqCil OR
2. https://youtube.com/playlist?list=PLu0W_9lI9agx66oZnT6lyhcMibUMNMdt&si=8JV56LGlu4oxOoh6

React-Router-dom:

- https://www.youtube.com/watch?v=UjHT_NKR_gU

Main Topics to Learn:

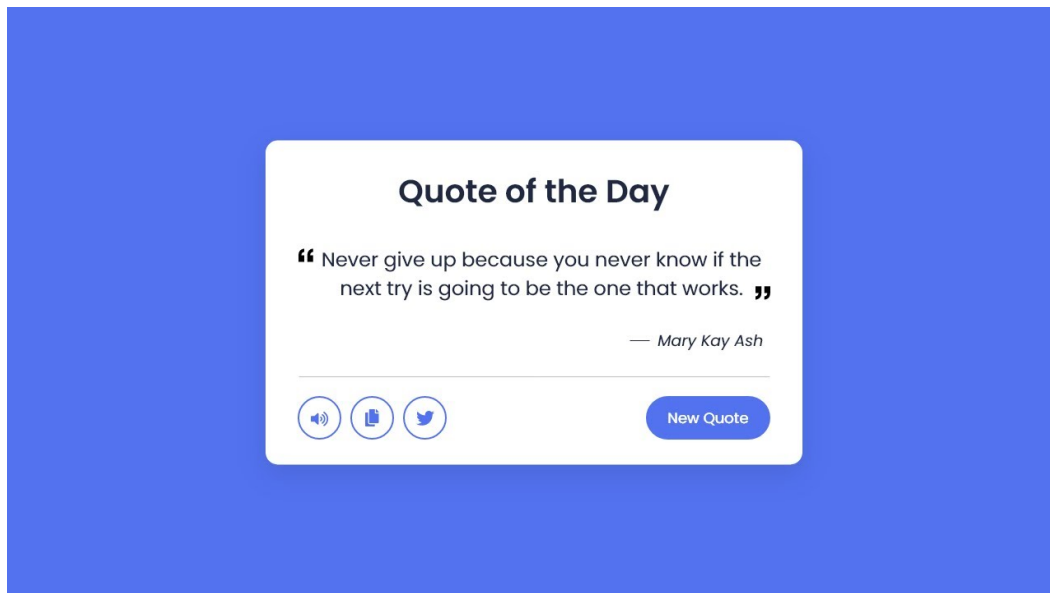
- JSX
- Props
- Functional Components (Recommended) or Class Components
- Hooks (useState and useEffect, and more)
- API
- Redux or Context API
- React-Router-Dom

For Those Already Familiar with React-JS:

If ReactJS is already in your toolkit, let's sharpen those skills with some engaging exercises.

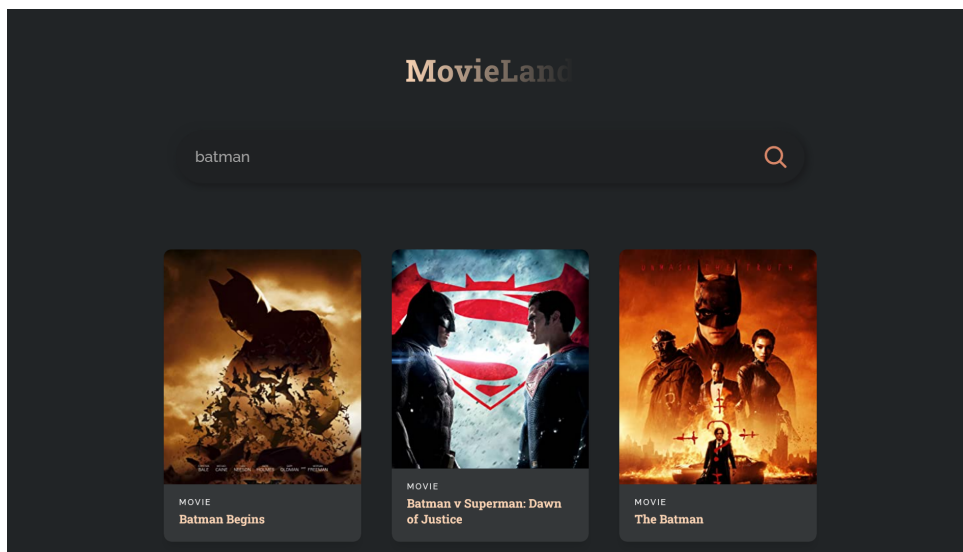
Exercises:

1. **Random Quote Generator:** Create an app that inspires with random quotes fetched from an API.



2. MovieLand:

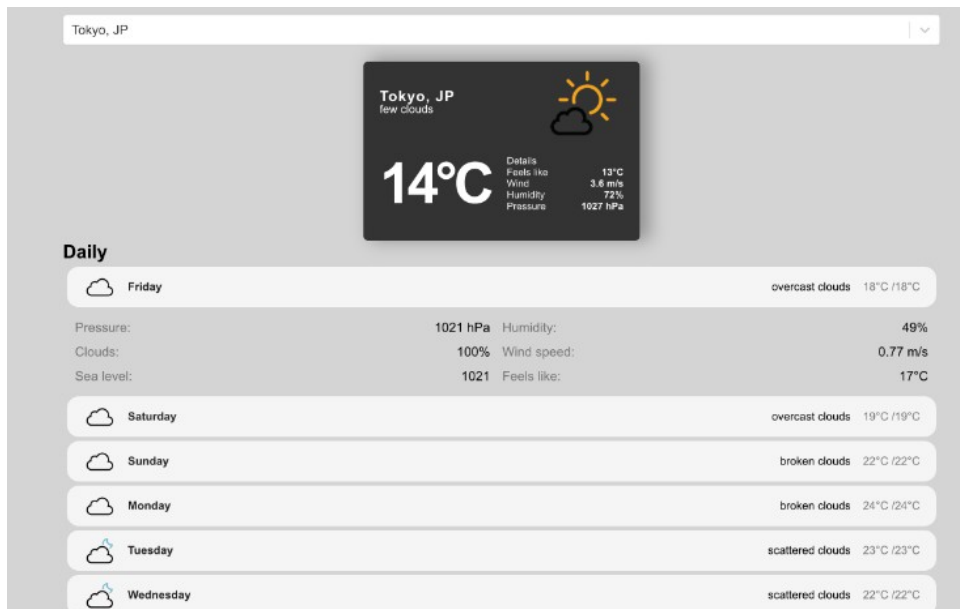
- Resource Link : <https://youtu.be/b9eMGE7QtTk?si=Ms5qlEuKErw9FQse>
- Develop a webpage enabling users to search and discover movies using an API.



3. Weather API Using React:

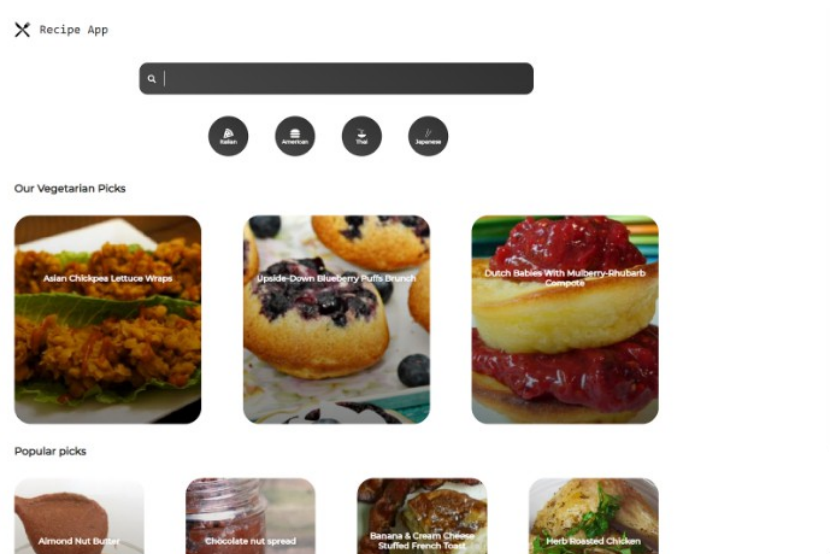
- Resource Link : https://youtu.be/Reny0cTTv24?si=8L_N7_JT_ZbeesCT

- Build an app fetching weather data based on user input location.



4. A Full Recipe App:

- Resource Link : <https://youtu.be/xc4uOzIndAk?si=gVVkCmCdOAOQoyBe1>
- Craft an app displaying recipes, complete with ingredients and instructions.



Wish your ReactJS journey be filled with joy, challenges, and the sweet satisfaction of turning code into art. Happy coding! 🚀 ✨