

EXPLORER ...

VIDEO 110

- > node_modules
- > public
- src
 - > assets
 - App.css
 - App.jsx
- index.css
- main.jsx
- .eslintrc.cjs
- .gitignore
- index.html
- package-lock.json
- package.json
- README.md
- vite.config.js

OUTLINE

TIMELINE

TASK EXPLORER

App.jsx

```
src > App.jsx > App
3 import viteLogo from '/vite.svg'
4 import './App.css'
5
6 function App() {
7   const [count, setCount] = useState(0)
8   const [showbtn, setShowbtn] = useState(false) ←
9
10  return (
11    <>
12      <div>
13        <a href="https://vitejs.dev" target="_blank">
14          <img src={viteLogo} className="logo" alt="Vite logo" />
15        </a>
16        <a href="https://react.dev" target="_blank">
17          <img src={reactLogo} className="logo react" alt="React logo" />
18        </a>
19      </div>
20      <h1>Vite + React</h1>
21      1 [<button>I will be shown only when second button is clicked</button>: ""] ←
22      <div className="card">
23        <button onClick={() => setCount((count) => count + 1)}>
24          count is {count}
25        </button>
26        <p>
27          Edit <code>src/App.jsx</code> and save to test HMR
28        </p>
29      </div>
30      <p className="read-the-docs">
31        Click on the Vite and React logos to learn more
32      </p>
33    </>
```

Conditional Rendering



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App.jsx

```
src > App.jsx > App
  const [count, setCount] = useState(0)
  const [showbtn, setShowbtn] = useState(false)

  return (
    <>
      <div>
        <a href="https://vitejs.dev" target="_blank">
          <img src={viteLogo} className="logo" alt="Vite logo" />
        </a>
        <a href="https://react.dev" target="_blank">
          <img src={reactLogo} className="logo react" alt="React logo" />
        </a>
      </div>
      <h1>Vite + React</h1>
      {showbtn ? <button>Showbtn is true</button> : <button>Showbtn is false</button>}
      /* {showbtn && <button>Showbtn is true</button>} */
      <div className="card">
        <button onClick={() => setShowbtn(!showbtn)}>
          Toggle showbtn
        </button>
        <p>
          Edit <code>src/App.jsx</code> and save to test HMR
        </p>
      </div>
    </>
  )
}
```

1 {showbtn ? <button>Showbtn is true</button> : <button>Showbtn is false</button>} ←
2 /* {showbtn && <button>Showbtn is true</button>} */



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```
src > App.jsx > App > Todo
      import viteLogo from '/vite.svg'
      import './App.css'

      function App() {
        const [count, setCount] = useState(0)
        const [showbtn, setShowbtn] = useState(false)

        const Todo = () => {
          return <>
            <div className="todo">I am todo</div></>
          </>
        }

        return (
          <>
            <div>
              <a href="https://vitejs.dev" target="_blank">
                <img src={viteLogo} className="logo" alt="Vite logo" />
              </a>
              <a href="https://react.dev" target="_blank">
                <img src={reactLogo} className="logo react" alt="React logo" />
              </a>
            </div>
          </>
        )
      }
    
```

3 ←

EXPLORER ...

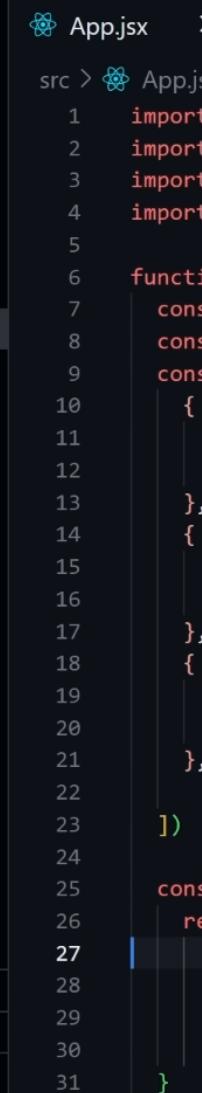
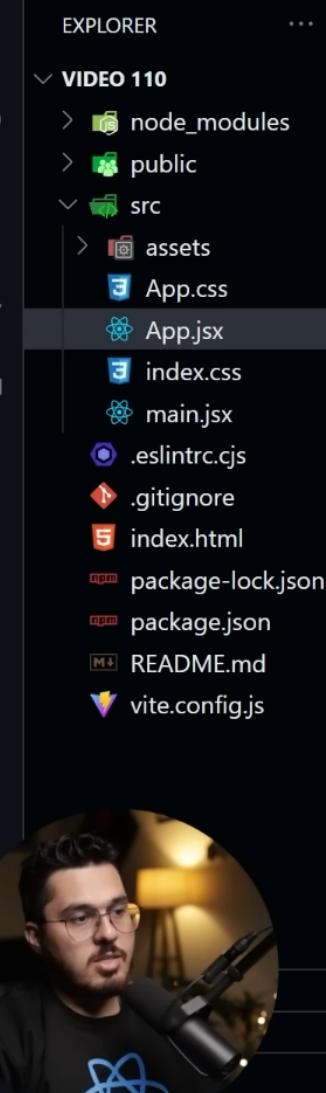
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App.jsx

```
src > App.jsx > App
14
15
16 return (
17   <>
18   <div>
19     <a href="https://vitejs.dev" target="_blank">
20       <img src={viteLogo} className="logo" alt="Vite logo" />
21     </a>
22     <a href="https://react.dev" target="_blank">
23       <img src={reactLogo} className="logo react" alt="React logo" />
24     </a>
25   </div>
26   <h1>Vite + React</h1>
27   {showbtn ? <button>showbtn is true</button> : <button>showbtn is false</button>}
28   /* {showbtn && <button>showbtn is true</button>} */
29   <Todo /> ←
30   <div className="card">
31     <button onClick={() => setShowBtn(!showbtn)}>
32       Toggle showbtn
33     </button>
34     <p>
```



Rendering Lists



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1

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App.jsx x

src > App.jsx > App > todos.map() callback

```
        alt="React logo" />
    </a>
</div>
<h1>Vite + React</h1>
{showbtn ? <button>showbtn is true</button> :
<button>showbtn is false</button>}
/* {showbtn && <button>showbtn is true</button>} */

{todos.map(todo=>{
    return <Todo todo={todo}>/>
})}
<div className="card">
    <button onClick={() => setshowbtn(!showbtn)}>
        Toggle showbtn
    </button>
    <p>
```

41 42 43 44 45 46 47 48 49 50 51 52 53 54

Ln 48, Col 33 Spaces: 2 UTF-8 LF {} JavaScript JSX

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tailwindcss v3.4.1 Tailwind CSS v3.4 · Dynamic viewport units, :has(), subgrid, and more Docs Components Blog Showcase

GET STARTED WITH TAILWIND CSS

Tailwind CSS works by scanning all of your HTML files, JavaScript components, and any other templates for class names, generating the corresponding styles and then writing them to a static CSS file.

It's fast, flexible, and reliable — with zero-runtime.

Installation

Tailwind CLI Using PostCSS Framework Guides Play CDN

Framework-specific guides that cover our recommended approach to installing Tailwind CSS in a number of popular environments.

Next.js Full-featured React framework with great developer experience.

Nuxt Intuitive Vue framework for building universal applications.

SvelteKit The fastest way to build apps of all sizes with Svelte.js.

Remix Full stack framework focused on web fundamentals and modern UX.

Symfony A PHP framework to create websites

Laravel PHP web application framework with expressive, elegant syntax.

Gatsby Framework for building static sites with React and GraphQL.

Angular Platform for building mobile and desktop web applications.

Phoenix A framework to build rich, interactive applications with Elixir.

Meteor The full stack JavaScript framework

Vite Fast and modern development server and build tool.

SolidJS A tool for building simple, performant, and reactive user interfaces.

Ruby on Rails Full-stack framework with all the tools needed to build amazing web apps.

Parcel The zero-configuration build tool for the web.

Create React App CLI tool for scaffolding a new single-

Getting Started

Installation

- Editor Setup
- Using with Preprocessors
- Optimizing for Production
- Browser Support
- Upgrade Guide

Core Concepts

- Utility-First Fundamentals
- Hover, Focus, and Other States
- Responsive Design
- Dark Mode
- Reusing Styles
- Adding Custom Styles
- Functions & Directives

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Core Concepts

- Utility-First Fundamentals
- Hover, Focus, and Other States
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- Dark Mode
- Reusing Styles
- Adding Custom Styles
- Functions & Directives

Installation

Install Tailwind CSS with Vite

Setting up Tailwind CSS in a Vite project.

Using React Using Vue Using Svelte

1 Create your project

Start by creating a new Vite project if you don't have one set up already. The most common approach is to use [Create Vite](#).

2 Install Tailwind CSS

Install `tailwindcss` and its peer dependencies, then generate your `tailwind.config.js` and `postcss.config.js` files.

3 Configure your template paths

Add the paths to all of your template files in your `tailwind.config.js` file.

Terminal

```
> npm create vite@latest my-project -- --template react  
> cd my-project
```

Terminal

```
> npm install -D tailwindcss postcss autoprefixer  
> npx tailwindcss init -p
```

tailwind.config.js

```
/** @type {import('tailwindcss').Config} */  
export default {  
  content: [  
    "./index.html",  
    "./src/**/*.{js,ts,jsx,tsx}",  
  ],  
  theme: {  
    extend: {},  
  },  
  plugins: [],
```

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localhost:5173

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Vite + React

showbtn is false

Hey
I am a good todo

Hey Another todo
I am a good todo too

Hey I am grocery todo
I am a good todo but I am grocery todo

Toggle showbtn

Elements Console Sources Network Performance Security Memory Application Lighthouse Recorder > x 1 ⚙️ ⋮ X

top ▾ Filter Default levels ▾ No Issues 4 hidden ⚙️

Download the React DevTools for a better development experience: <https://reactjs.org/link/react-devtools>

react-dom_client.js?v=f6696ac0:21534

Warning: Each child in a list should have a unique "key" prop. ← App.jsx:36

Check the render method of `App`. See <https://reactjs.org/link/warning-keys> for more information.

http://localhost:5173/src/App.jsx:42:19
//localhost:5173/src/App.jsx:24:29



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Subtitles 2005 Mon

The image shows a screenshot of the Visual Studio Code (VS Code) interface. On the left is the Explorer sidebar with a video player at the bottom. The main area displays a file named `App.jsx` with the following code:

```
45 <h1>Vite + React</h1>
46 {showbtn ? <button>showbtn is true</button> : <button>showbtn is false</button>}
47 {/* {showbtn && <button>showbtn is true</button>} */}
48
49 {todos.map(todo=>{
50   return <Todo key={todo.title} todo=
51     (property) title: * ⌂ title
52     string
53     <div classname= card">
      <button onClick={() => setshowbtn
```

A pink checkmark is drawn over the closing brace of the `/* {showbtn && <button>showbtn is true</button>} */` block. A tooltip is visible over the `key` prop in the `<Todo` component, showing the type `string`. The status bar at the bottom indicates the code is at line 50, column 37, with 2 spaces, using UTF-8 encoding, and is a JavaScript/JSX file.

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 - index.html
 - package-lock.json
 - package.json
 - postcss.config.js
 - README.md
 - tailwind.config.js
 - vite.config.js

App.jsx x index.html tailwind.config.js index.css 3 package.json

src > App.jsx > App > todos.map() callback

```
45 <h1>Vite + React</h1>
46 {showbtn ? <button>showbtn is true</button> : <button>showbtn is
47 false</button>}
48 /* {showbtn && <button>showbtn is true</button>} */
49
50 {todos.map(todo => {
51   // return <Todo key={todo.title} todo={todo}/>
52   return <div key={todo.title} className="m-4 border border-1
53     border-purple-400">
54
55     <div className="todo">{todo.title}</div>
56     <div className="todo">{todo.desc}</div>
57   </div>
58 })
59 <div className="card">
60   <button onClick={() => setshowbtn(!showbtn)}>
61     Toggle showbtn
62   </button>
63   <p>
64     Edit <code>src/App.jsx</code> and save to test HMR
65   </p>
66 }
```

Ln 51, Col 36 Spaces: 2 UTF-8 LF {} JavaScript JSX

EUR/INR -0.40%

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