## **React.js Component Creation**

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# **source code :** CARD COMPONENT :

```
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                                                                                                                                                                   ზე Ш ...
      EXPLORER
                                                                                                                        ☑ card.css M ×
                                       card > src > components > card > ∰ Card.jsx > ..
                                                                                                                         card > src > components > card > 😈 card.css > 😭 .card .image
                                         1 import React, { useState } from 'react'
2 import { Button } from '../button/Button'
3 import './card.css'
      ∨ 📹 card
       > 👼 node_modules
                                                                                                                                   border-radius: 10px;
                          4
5
6 export const Card = ({card}) => {
7 const [show,setShow] = useState(f
8 function buttonclick(){
9 setShow(1)
        > 🌃 public
                                                                                                                                    flex-grow: 0;
                                                                                                                                   background-color: ■#fff;
                                                                                                                                   width:300px:
                                              const [show,setShow] = useState(false);
function buttonClick(){
                                                                                                                                   height:250px;
             button.css
                                                                                                                                   display: flex;
flex-direction: column;
          align-items: center
             card.css
(
                                                  Card.jsx
                                                .card.show{
         height:340px;
            image2.jpeg
            image3.jpeg
                                                          show && {card.description}
                                                                                                                                   overflow:hidden;
background: ☐ red;
            image4.jpeg
            image5.jpeg
                                                                                                                                 .card .image img{
           App.css
                                                                                                                                  height:100%;
           index.css
                                                                                                                                  object-fit: cover;
                                                                                                                                .card .image img:hover{
          .gitignore
            package-lock.json
           package.json
                                                                                                                                .card h3{
   text-align: center;
                                                                                                                               .card p{
   text-align: justify;
> OUTLINE
     > TIMELINE
   % main* + ⊗ 0 A 0 W 0
                                                                                                                                      Ln 22, Col 2 Spaces: 4 UTF-8 CRLF CSS @ Go Live
```

#### **BUTTON COMPONENT:**

```
📢 File Edit Selection View Go Run Terminal Help
                                                                                                             ፱ button.css ×
0
      EXPLORER
                              ··· ∰ Button.isx ×
                                                                                                             card > src > components > button > 5 button.css > 4 button
     ∨ INTERSHIP
                                    card > src > components > button > M Button.isx > ...
                                      1 import React from 'react
      outline:none;
       > node_modules
       > 🌃 public
                                                                                                                        width:90%;
                                                                                                                        padding: 10px 5px;
        {show ? 'show less' : 'show more' }
                                                                                                                       border-radius: 5px;
            3 button.css
                                                                                                                       margin-inline: auto;
         card.css

    ← Card.jsx

                                                                                                                    button:hover{
        🗸 🖷 images
           image1.jpeg
           image2.jpeg
           image3.jpeg
           ™ image4.jpeg
           ™ image5.jpeg
           image6.jpeg
          App.css
          index.css
         .gitignore
           package-lock.json
           package.json
         README.md
> OUTLINE
    > TIMELINE
У P main* + → ⊗ 0 Δ 0 (№ 0
                                                                                                                          Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja 🚨
```

#### **APP COMPONENT:**

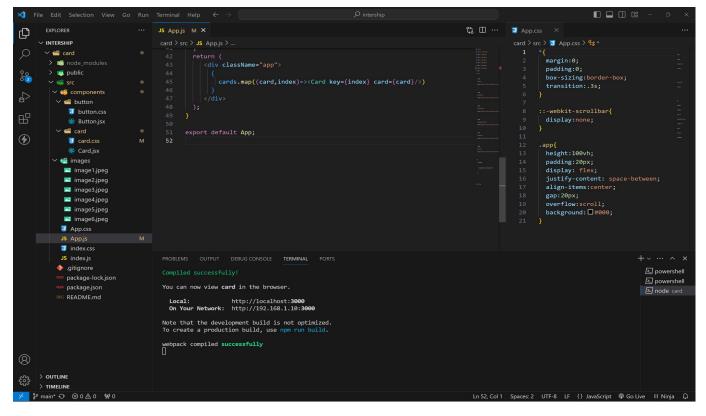
```
≺ File Edit Selection View Go Run Terminal Help
                                                                                                                                                                                                          ţე Ш ...
P
                                                JS App.js M X
       ∨ INTERSHIP
                                                         import './App.css';
import { Card } from './components/card/Card';
import image1 from './images/image1.jpeg'
import image2 from './images/image2.jpeg'
        > node_modules
          > 👪 public
62
                                                         import image2 from './images/image2.jpeg'
import image3 from './images/image3.jpeg'
import image4 from './images/image4.jpeg'
import image5 from './images/image5.jpeg'
import image6 from './images/image6.jpeg'
           button.css
                Button.jsx
                                                             const cards = [
            card.css
                title: "Audi R8",

description: "The definition of a supercar describes an expensive car that's flashy,"
            ∨ 📻 images

    image1.jpeg

               image2.jpeg
                                                                  url:image2,
               image3.jpeg
               🔣 image4.jpeg
                                                                  description: "The definition of a supercar describes an expensive car that's flashy"
               🔣 image6.jpeg
              App.css
                                                                  url:image3,
                                                                  title: "Porsche 911 GT3 RS", description: "The definition of a supercar describes an expensive car that's flashy"
              index.css
              JS index.is
             .qitiqnore
                                                                 urn:Amage+,
title:"Lamborghini Huracan Tecnica",
description:"The definition of a supercar describes an expensive car that's flashy"
              package-lock.json
              package.json
                                                                 url:image5,
                                                                 title: "Rimac Nevera",

description: "The definition of a supercar describes an expensive car that's flashy"
                                                                  title: "ferrari F9",
      > OUTLINE
5653
       > TIMELINE
    % main* → ⊗ 0 🛦 0 🦃 0
                                                                                                                                                               Ln 8, Col 42 Spaces: 2 UTF-8 LF {} JavaScript © Go Live II Ninja
```



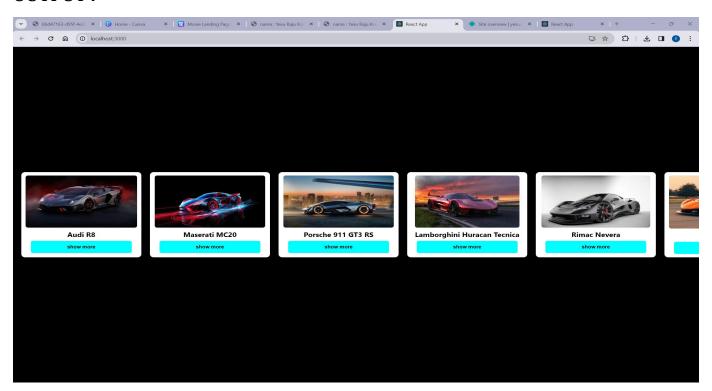
#### approach:

1. initially taking an array of objects like below

```
const cards = [
   url:image1,
   title: "Audi R8",
   description: "The definition of a supercar describes an expensive car that's flashy,"
   url:image2,
   title: "Maserati MC20",
   description: "The definition of a supercar describes an expensive car that's flashy"
  },
   url:image3,
   title: "Porsche 911 GT3 RS",
   description: "The definition of a supercar describes an expensive car that's flashy"
   url:image4,
   title: "Lamborghini Huracan Tecnica",
   description: "The definition of a supercar describes an expensive car that's flashy"
   url:image5,
   title: "Rimac Nevera",
    description: "The definition of a supercar describes an expensive car that's flashy"
   url:image6,
   title: "ferrari F9",
    description: "The definition of a supercar describes an expensive car that's flashy"
```

- 2. Passing this card array to child (card component) of App component by using props;
- 3. getting data as argument like {card} in card component.
- 4 . in card component i use one state [show, setShow] to get extra info as description.
- 5. When we click the button then show becomes true by assigning setShow (!show).

### **OUTPUT:**



#### **AFTER BUTTON CLICKS:**

