

# TechCarrel

---

## LIFTING UP STATE

Lifting state in React means moving the state and related stateful methods from a lower-level component to a higher-level component in order to share the state among multiple components or allow a higher-level component to control and modify the state.

### **Sending additional information from parent component to child component**

#### App.js

```
import React from "react"
import User from "../User"
function App() {
  let data = "Target"
  return
    <div>
      <h1> Lifting State Up</h1>
      <User name ={data} />
    </div>
}
Export default App;
```

#### User.js

```
function User(props)
{
  return (
    <div>
      { /* <h2> User Component</h2> */ }
      <h2> User name : {props.name}</h2>
      <button> click me </button>
    </div>
  )
}
Export default User;
```

---

## Sending additional information from child component to Parent component (Lifting up state)

App.js

```
import React from "react"
import User from "./User"
function App() {

  function lifting_method(data){
    console.log(data)
  }

  return <div>
    <h1> Lifting State Up</h1>
    <User data={parentFucntion}/>
  </div>
}
Export default App;
```

User.js

```
function User(props)
{const childData ={name:"target",email:"target@gmail.com"}

  return (
    <div>
      { /* <h2> User Component</h2> */ }
      <h2> User name </h2>
      <button onClick={()=>props.lifting_method(childData)}>click me
    </button></div>)}
Export default User;
```