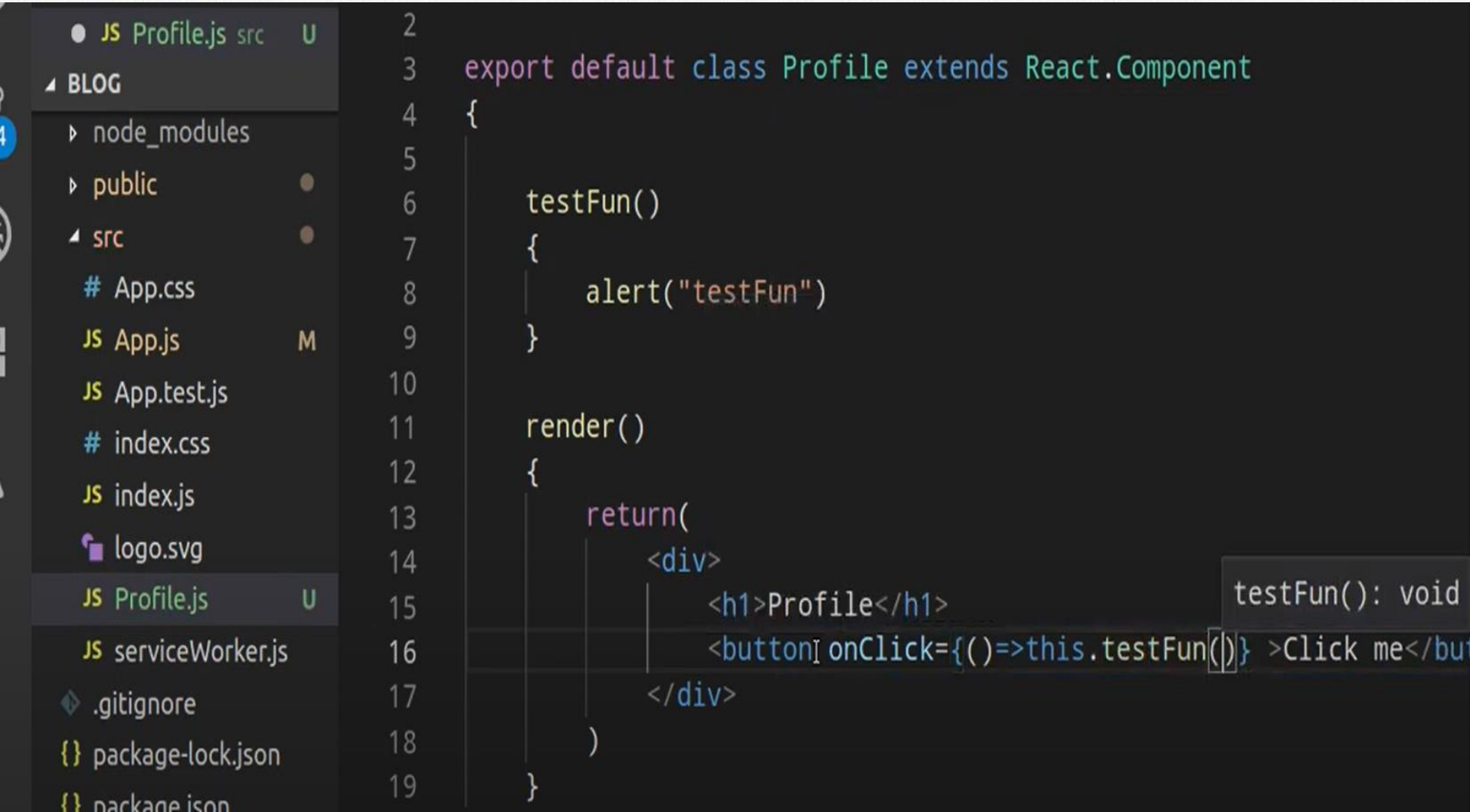


Event call using arrow function



The image shows a code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with a 'src' directory containing 'App.css', 'App.js', 'App.test.js', 'index.css', 'index.js', 'logo.svg', 'Profile.js', and 'serviceWorker.js'. The 'Profile.js' file is selected. The code editor shows the following code:

```
2
3 export default class Profile extends React.Component
4 {
5
6   testFun()
7   {
8     alert("testFun")
9   }
10
11  render()
12  {
13    return(
14      <div>
15        <h1>Profile</h1>
16        <button onClick={() => this.testFun()} >Click me</button>
17      </div>
18    )
19  }
```

A tooltip on the right side of the code editor shows the function signature: `testFun(): void`.

Why we use arrow function to call the method

- Inside the class if we use onClick lost the own scope ,to tell the define the scope
- Arrow function does not have this keyword its fetch this from parent class

Call directly using bind method:-

```
<button onClick={this.testFun.bind(this)} >Click me
```


Event call in functional component

```
JS Profile.js ▸ Profile
1  import React from 'react'
2
3  export default function Profile() {
4    function testFun()
5    {
6      alert("test fun")
7    }
8    return (
9      <div>
10        <h1>Profile</h1>
11        <button onClick={testFun}>Click me</button>
12      </div>
13    )
14  }
```

or

```
1 import React from 'react'
2
3 export default function Profile() {
4   const testFun = () => {
5     alert("test fun")
6   }
7   return (
8     <div>
9       <h1>Profile</h1>
10      <button onClick={testFun}>Click me</button>
11    </div>
12  )
13 }
14 }
```

Thanks