

AI 활용 빅데이터분석 풀스택웹서비스 SW 개발자 양성과정

React



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React - snippets

The screenshot shows the Visual Studio Code interface with the 'ES7 React/Redux/GraphQL/React-Native snippets' extension page open. The left sidebar displays a list of extensions related to 'es7 react'. The main panel shows the details of the selected extension, including its description, version (v1.9.3), and a list of categories (Snippets). The extension's code snippets are visible, showing a function component snippet and a class component snippet. A red dashed box highlights the function component snippet, and a blue dashed box highlights the class component snippet. A green dashed box highlights the class component snippet's code.

EXTENSIONS: MARKETPLACE

es7 react

ES7 React/Redux/GraphQL/React-Native snippets v1.9.3
Simple extensions for React, Redux and GraphQL in JS/TS with ES7 syntax (forked from dsnajder)

rodrigovallades | 902,462 | ★★★★★ (4)

Uninstall

DETAILS FEATURE CONTRIBUTIONS CHANGELOG RUNTIME STATUS

Categories

Snippets

Extension Resources

Marketplace Repository rodrigovallades

More Info

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Identifier rodrigovallades react-js-snippets

src > 04 > JS BoxRow.js

```
1 rafce
2
```

```
import React from 'react'

const $1 = () => {
  return <div>$0</div>
}

export default $1
```

```
1 rafce
2
```

```
import React from 'react'

const $1 = () => {
  return <div>$0</div>
}

export default $1
```

```
1 import React from 'react'
2
3 const BoxRow = () => {
4   return (
5     <div>
6       |
7     </div>
8   )
9 }
10
11 export default BoxRow
12
13
```

전역 CSS와 모듈 CSS

전역 CSS

src > 03 > My.css

```
1 .pmy{
2   background-color: white;
3   color: black;
4 }
```

모듈 CSS

src > 03 > My1.module.css

```
1 .pmy{
2   color: yellow;
3 }
```

src > 03 > My2.module.css

```
1 .pmy{
2   color: cyan;
3 }
```

src > 03 > My1.js

```
1 import './My.css';
2 import styles from './My1.module.css';
3 export default function My1() {
4   return(
5     <div>
6       <p className="pmy">안녕하세요. </p>
7       <p className={styles.pmy}>My1!!</p>
8     </div>
9   )
10 }
```

src > 03 > My2.js

```
1 import styles from './My2.module.css';
2 export default function My2() {
3   return(
4     <div>
5       <p className="pmy">안녕하세요. </p>
6       <p className={styles.pmy}>My2!!</p>
7     </div>
8   )
9 }
```



안녕하세요.

My1!!

안녕하세요.

My2!!

Tailwindcss 설치

tailwind css 설치

```
npm install -D tailwindcss
```

up to date, audited 1524 packages in 4s

245 packages are looking for funding
run `npm fund` for details

6 **high** severity vulnerabilities

To address all issues (including breaking changes), run:
npm audit fix --force

Run `npm audit` for details.

```
# App.css M
JS App.js M
JS App.test.js
# index.css
JS index.js
logo.svg
JS reportWebVitals.js
JS setupTests.js
.gitignore
package-lock.json M
package.json M
README.md
JS tailwind.config.js U
```

```
@tailwind base;
@tailwind components;
@tailwind utilities;
```

Tailwind CSS 설정 파일 생성

```
npx tailwindcss init
```

```
JS tailwind.config.js U
```

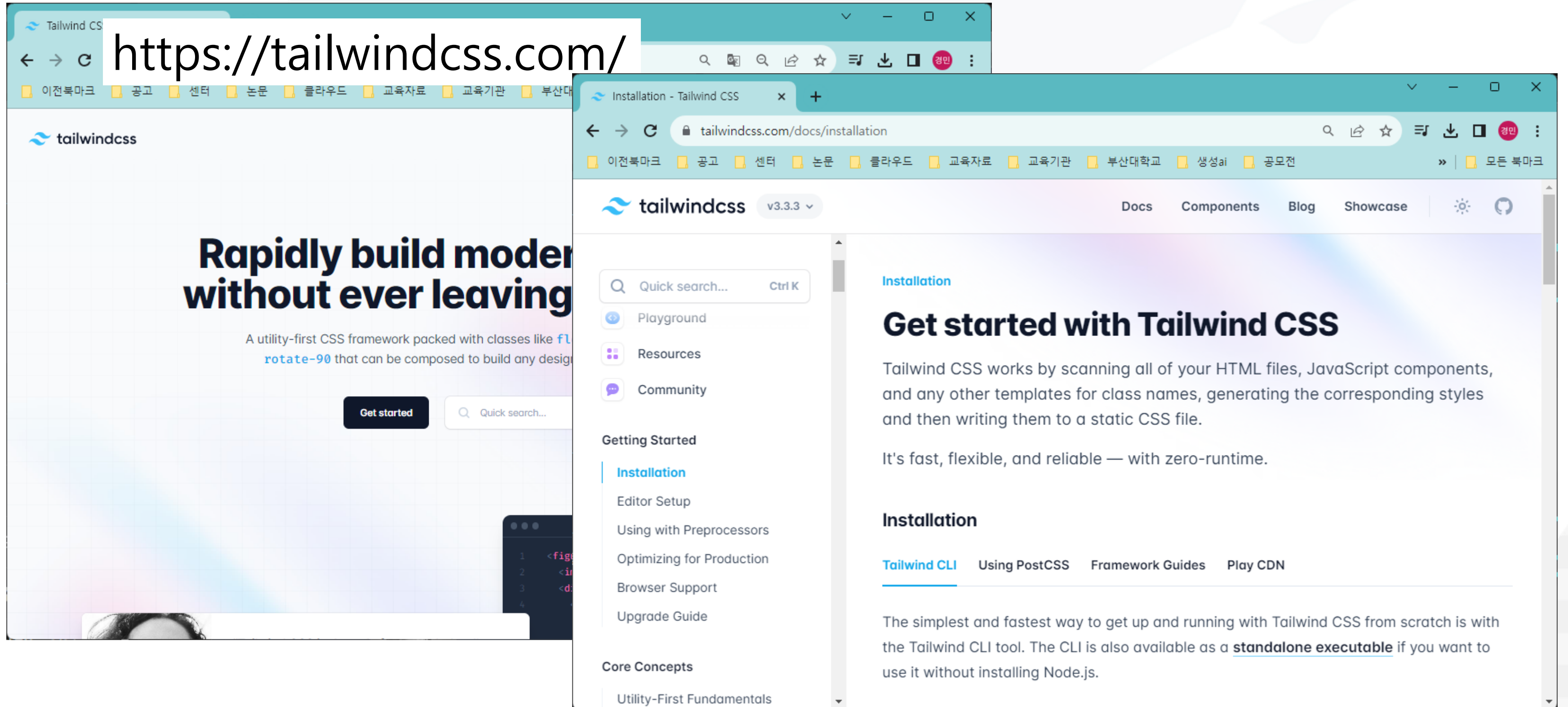
```
1 /** @type {import('tailwindcss').Config} */
2 module.exports = {
3   content: [ "./src/**/*..{js,jsx,ts,tsx}" ],
4   theme: {
5     extend: {},
6   },
7   plugins: [],
8 }
```

Tailwind CSS IntelliSense v0.10.0
Tailwind Labs tailwindcss.com 4,167,638 ★★★★★ (83)
Intelligent Tailwind CSS tooling for VS Code
Disable Uninstall Switch to Pre-Release Version
This extension is enabled globally.

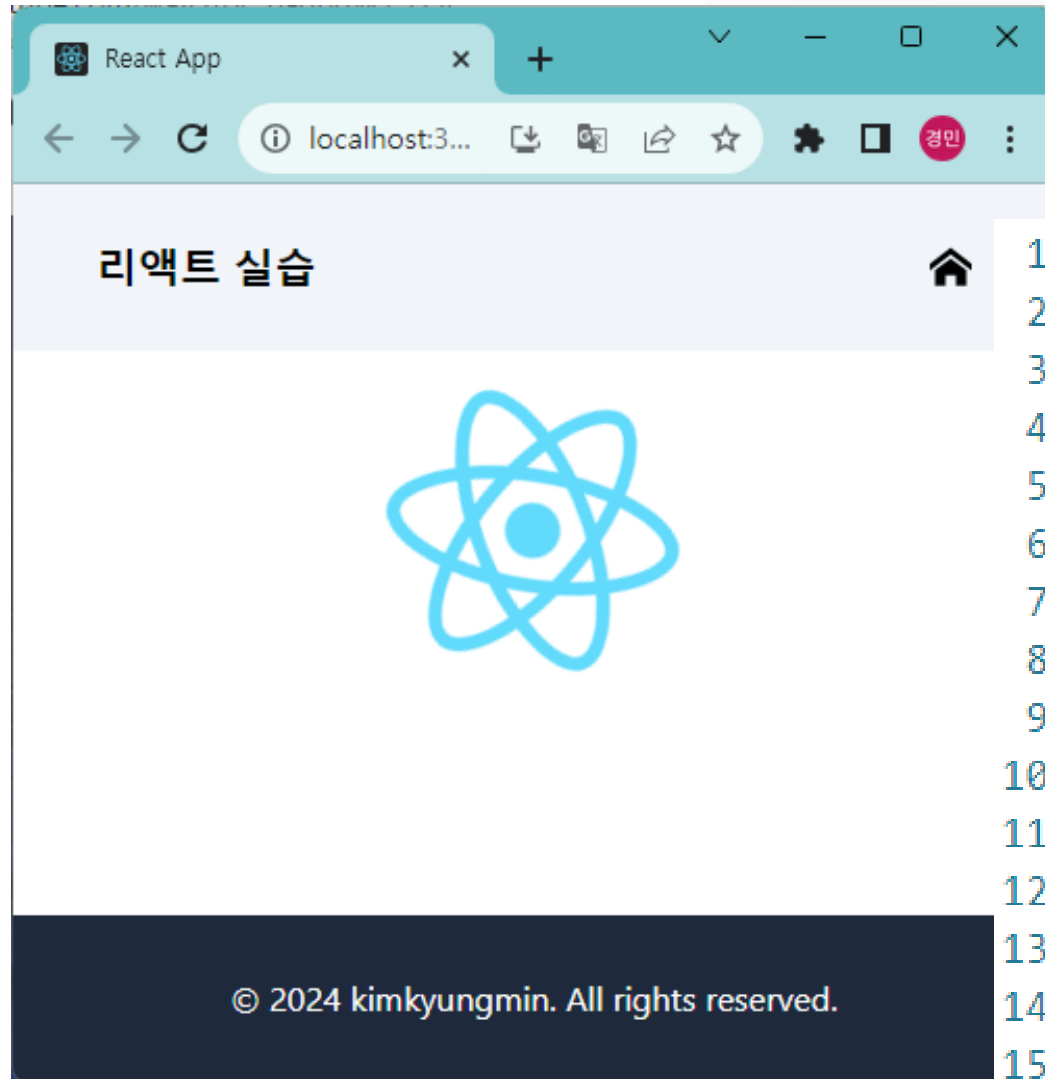
DETAILS FEATURE CONTRIBUTIONS CHANGELOG RUNTIME STATUS



Tailwindcss



Tailwindcss



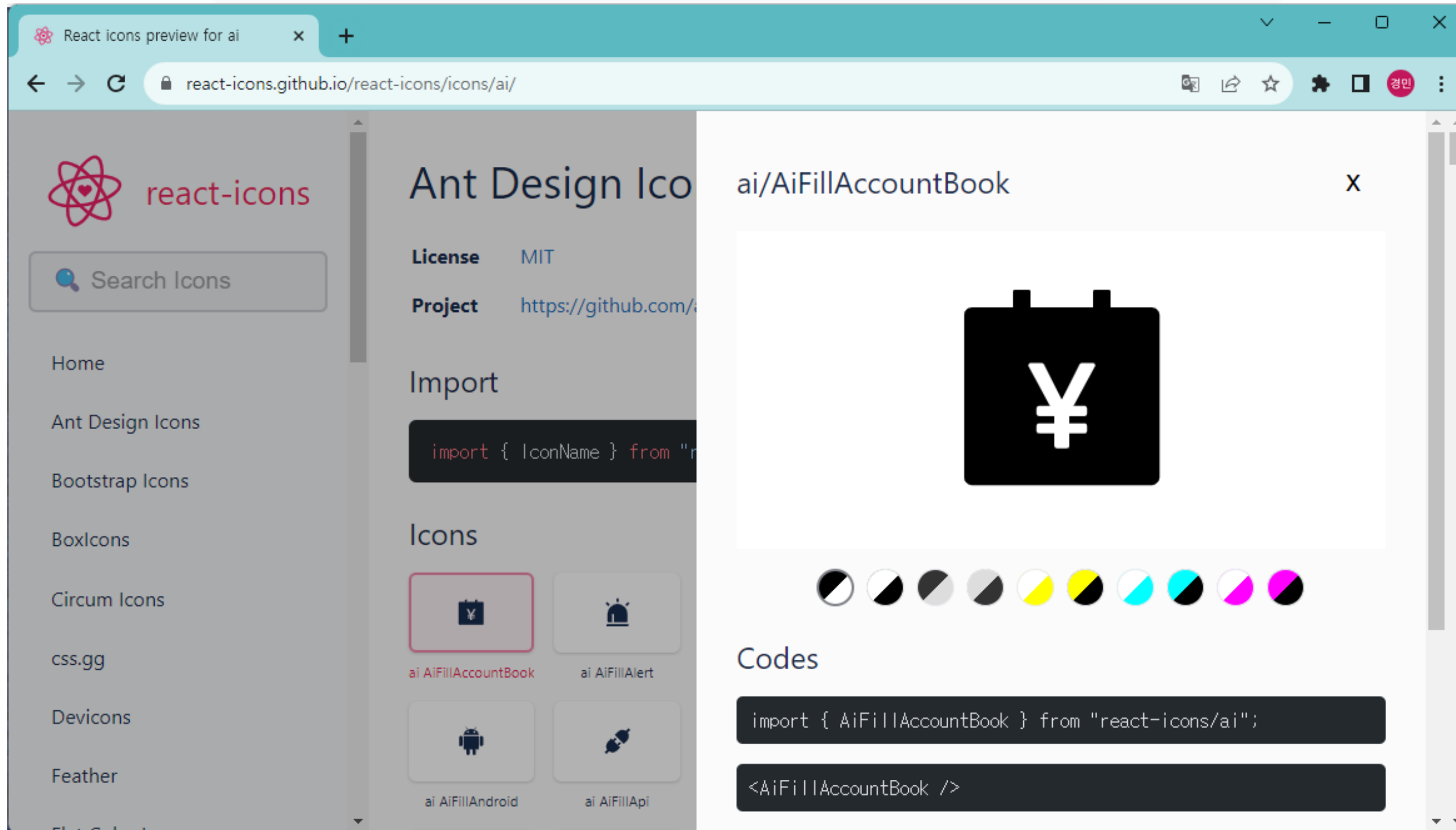
```
1 import logo from './logo.svg';
2 import './App.css';
3 import { ImHome } from "react-icons/im";
4
5 function App() {
6   return (
7     <div className="flex flex-col w-full max-w-screen-xl mx-auto h-screen overscroll-y-auto">
8       <header className="flex justify-between items-center text-xl font-bold h-20 p-10 bg-slate-100">
9         <div>리액트 실습</div>
10        <div><ImHome /></div>
11      </header>
12      <main className='grow'>
13        <div className='flex justify-center items-center'>
14          <img src={logo} className="App-logo" alt="logo" />
15        </div>
16      </main>
17      <footer className='flex justify-center items-center text-white bg-slate-800 h-20'>
18        © 2024 kimkyungmin. All rights reserved.
19      </footer>
20    </div>
21  );
22 }
23
24 export default App;
```

Tailwindcss

- flex
 - flexbox 레이아웃 활성화
- flex-col
 - 자식 요소를 세로 방향으로 정렬
- w-full
 - 너비를 부모 요소의 전체 너비로 설정
- max-w-screen-EI
 - 최대 너비를 화면의 extra large 크기로 제한
- mx-auto
 - 수평 마진을 자동으로 설정해 중앙 정렬
- h-screen
 - 높이를 뷰포트의 높이와 동일하게 설정
- overscroll-y-auto
 - 수직 스크롤이 필요할 때 스크롤바를 표시
- justify-between
 - 각 요소들을 박스 양쪽 끝에 배치
- text-EI
 - 텍스트 크기
- font-bold
 - 폰트 두께
- p-10
 - 안쪽 여백
- bg-slate-100
 - 배경색
- grow
 - flex 컨테이너 사용 영역을 제외한 나머지 영역

react-icons

- `npm install react-icons --save`



환경변수 설정

node_modules
public
★ favicon.ico
index.html M
logo192.png

보안이 필요한 환경변수의 외부
유출을 방지하기 위해 환경변수 작성

.env U
.gitignore
package-lock.json M
package.json M
README.md
tailwind.config.js U

.env 파일은 최상위 루트에 작성
환경변수명은 반드시 **REACT_APP** 으로 시작

```
.env  
1 REACT_APP_API_KEY = "8qw7g%2FC%2E"
```

```
const apikey = process.env.REACT_APP_API_KEY ;
```

.env 파일이 올라가면 안 되기 때문에
gitignore에 .env를 꼭 추가

```
.gitignore  
20 | .env
```