React JS Project Structure

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1. node_modules

```
∨ MY-REACT-APP
  > node_modules
  > public
  ∨ src
      App.css
      App.js
      App.test.js
      index.css
      index.js
      logo.svg
      reportWebVitals.js
      setupTests.js
    .gitignore
    package-lock.json
    package.json
    README.md
```
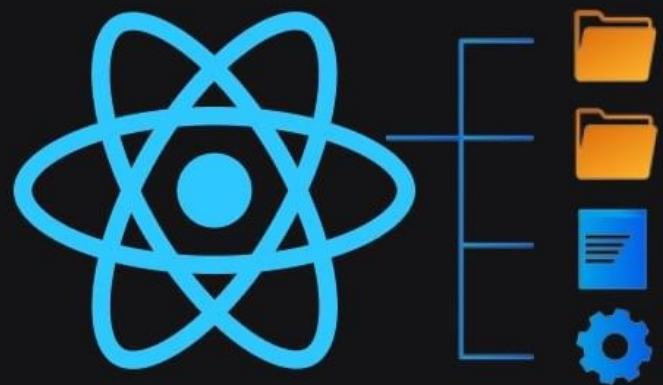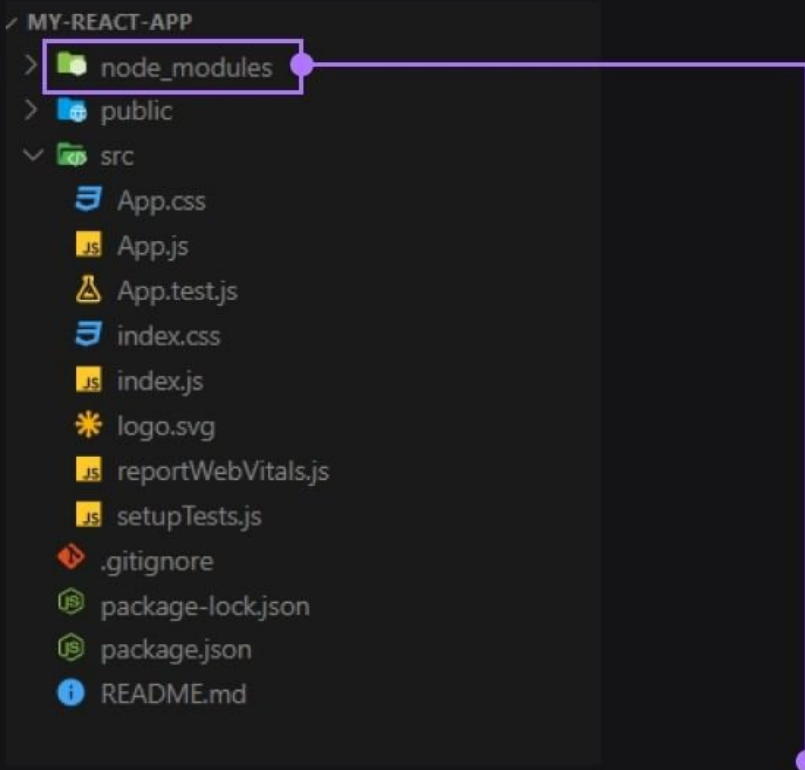
This folder contains all the packages and dependencies that are installed in your react app.

@gitcoder

2. public

```
∨ MY-REACT-APP
  >  📁 node_modules
  >  📁 public
  ∨  📁 src
       📄 App.css
       📄 App.js
       🧪 App.test.js
       📄 index.css
       📄 index.js
       ✳️ logo.svg
       📄 reportWebVitals.js
       📄 setupTests.js
     ◈ .gitignore
     ⬡ package-lock.json
     ⬡ package.json
     ⓘ README.md
```
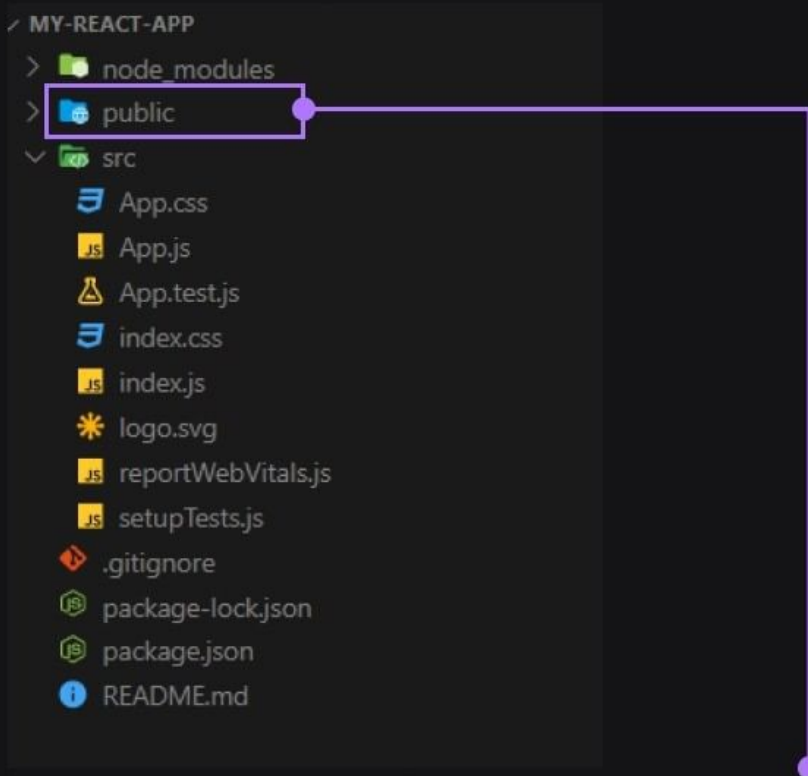
The public folder contains static files such as index.html, the icon of the app, images, etc.

3. src

```
∨ MY-REACT-APP
  >  📁 node_modules
  >  📁 public
  ∨  📁 src
       🟥 App.css
       JS App.js
       🧪 App.test.js
       🟥 index.css
       JS index.js
       ✳ logo.svg
       JS reportWebVitals.js
       JS setupTests.js
     ◈ .gitignore
     ⬡ package-lock.json
     ⬡ package.json
     ⓘ README.md
```
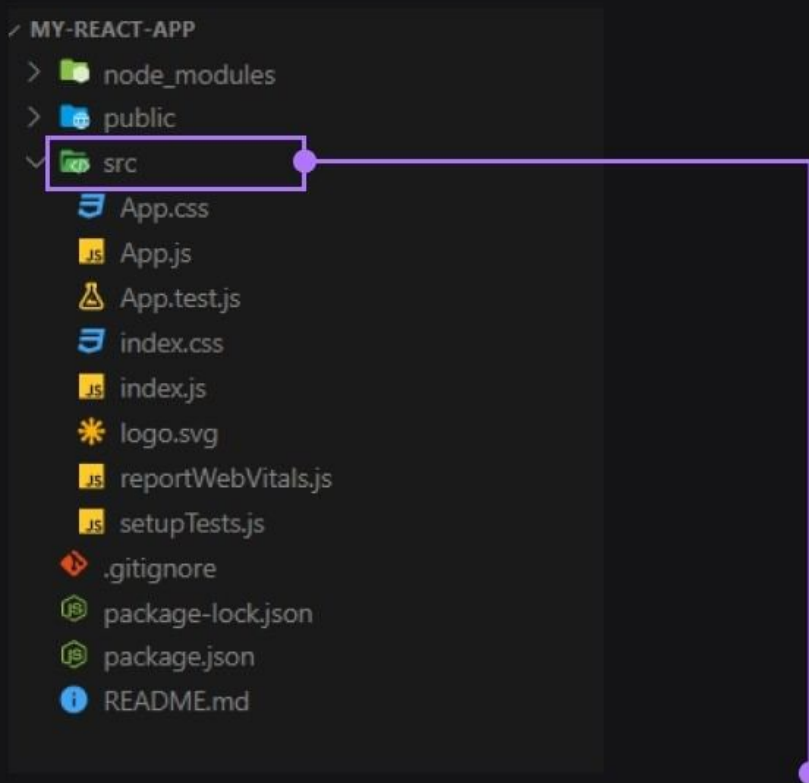
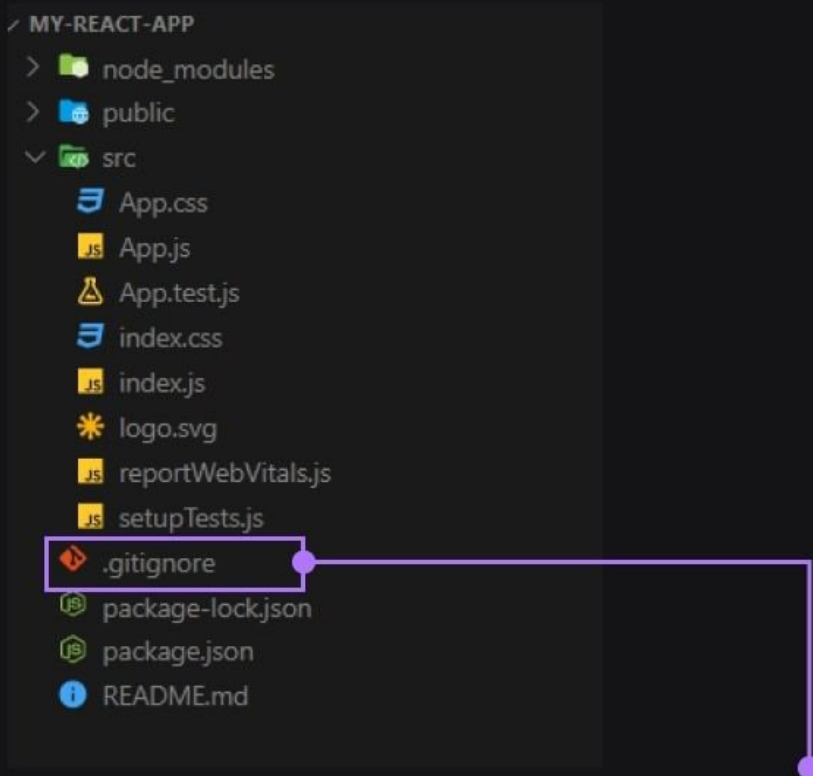**This is the most important part of the app. This is where you do coding of your app, In this folder, you place all your files related to development like pages, components, CSS files, images, etc.**
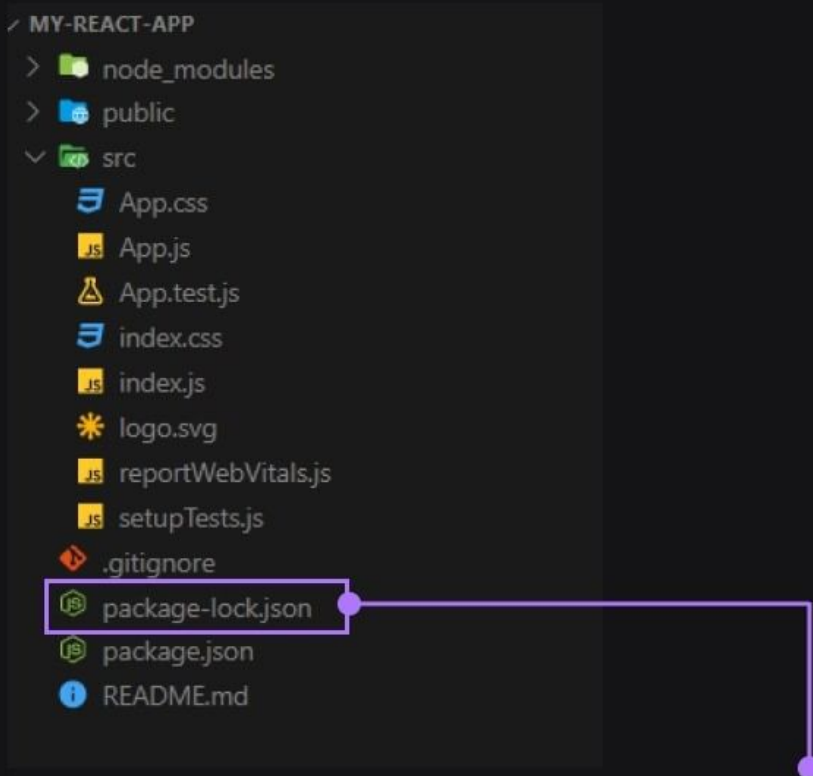
4. .gitignore

```
∨ MY-REACT-APP
  > 📂 node_modules
  > 📂 public
  ∨ 📂 src
      🎨 App.css
      JS App.js
      ⚗ App.test.js
      🎨 index.css
      JS index.js
      ✳ logo.svg
      JS reportWebVitals.js
      JS setupTests.js
      ◆ .gitignore
      ⬡ package-lock.json
      ⬡ package.json
      ⓘ README.md
```

This file tells Git which files to ignore when committing your project the GitHub Repo.

5. package-lock.json

```
∨ MY-REACT-APP
  >  📁 node_modules
  >  📁 public
  ∨  📁 src
        🟦 App.css
        JS  App.js
        🧪 App.test.js
        🟦 index.css
        JS  index.js
        ✳ logo.svg
        JS  reportWebVitals.js
        JS  setupTests.js
        🔶 .gitignore
        🟢 package-lock.json
        🟢 package.json
        ⓘ  README.md
```

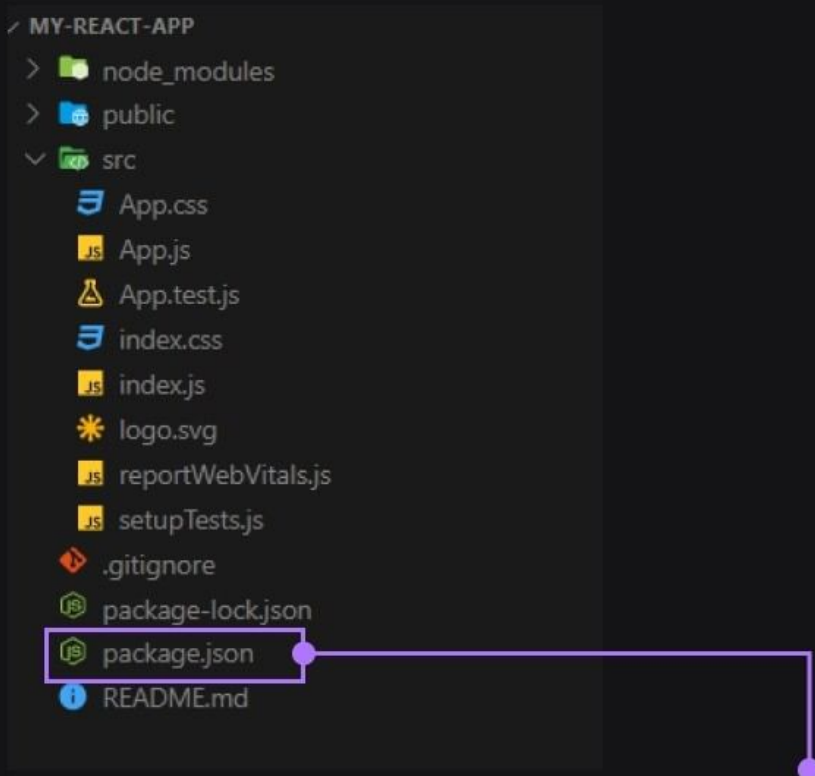**The goal of this file is to keep track of the exact version of every package that installed in your app.**

6. package.json

```
∨ MY-REACT-APP
  > 📦 node_modules
  > 📁 public
  ∨ 📁 src
        🔷 App.css
        Js App.js
        🧪 App.test.js
        🔷 index.css
        Js index.js
        ✳️ logo.svg
        Js reportWebVitals.js
        Js setupTests.js
      ⬦ .gitignore
      🅰 package-lock.json
      🅰 package.json
      ⓘ README.md
```

This file contains a list of all dependencies that have been installed in your app.