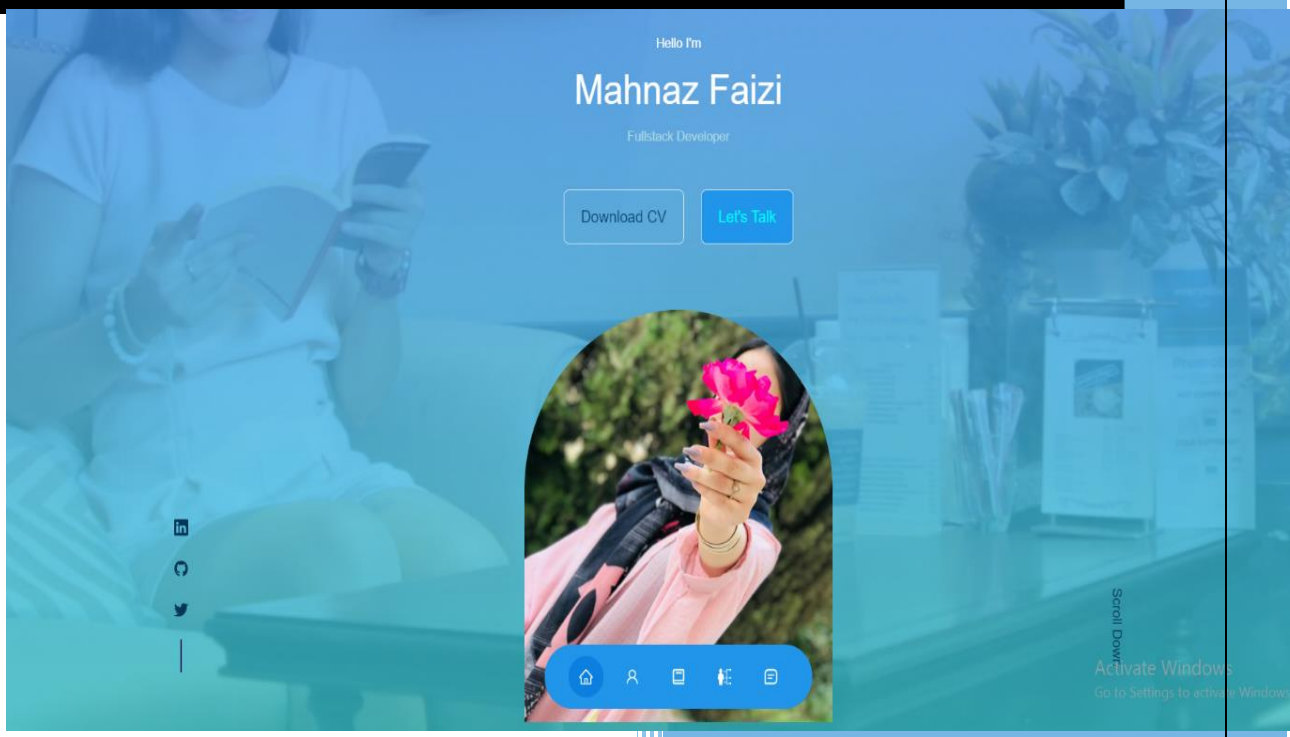
2023

Portfolio



Mahnaz Faizi

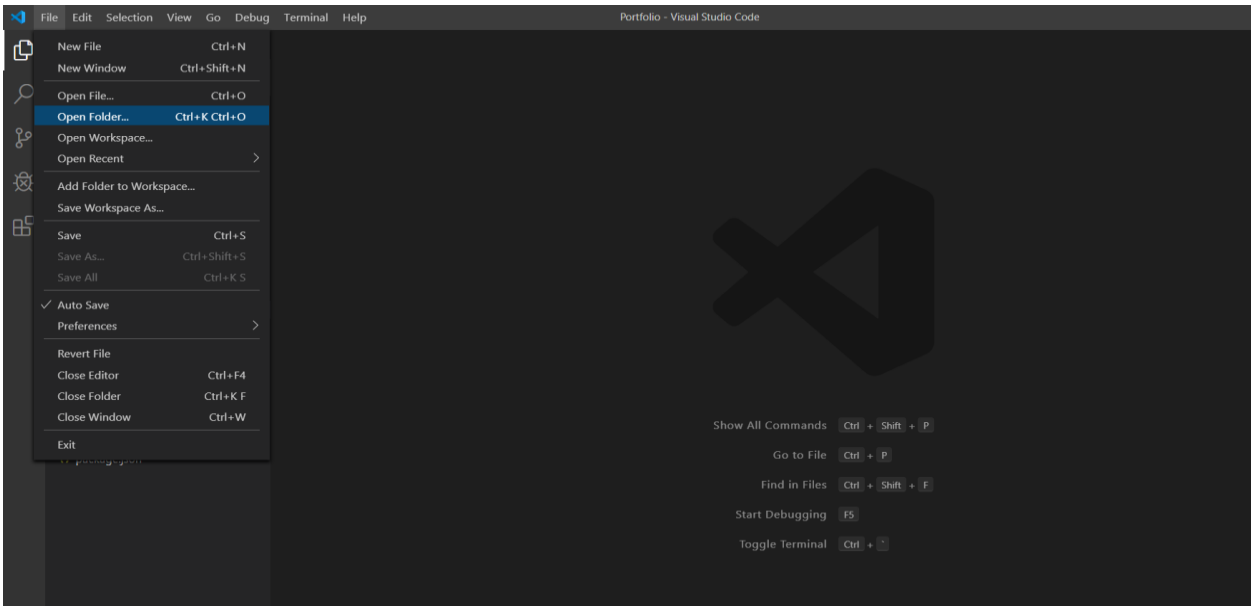
8/11/2023

➢ Introduction

The React Portfolio Website is a personal website template built using React.js. It serves as a showcase for your professional work, skills, and experience.

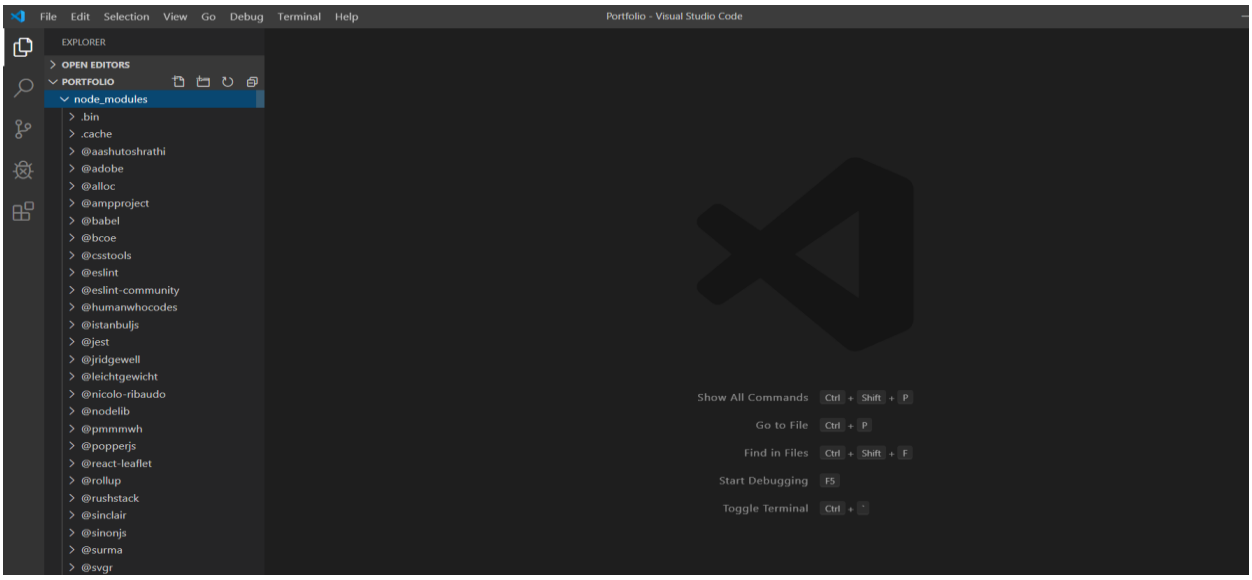
➢ Describe step by step:

1: Create the project using the command npx create_react_app portfolio
2: Run the project using the npm start command
3: Open the project by VScode, for this work we go to VScode, file, open folder and then select our folder like this photo:

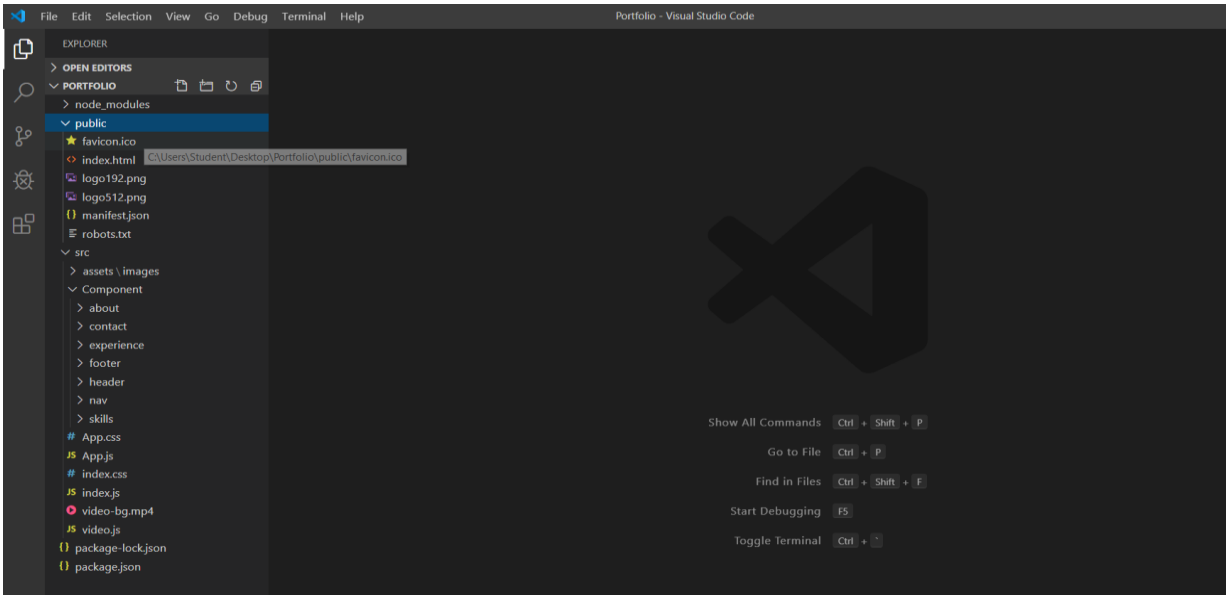


So, let’s check the project, when you open the project you see some files like these:

Node-modules, public, src, package-lock.json and package.json.

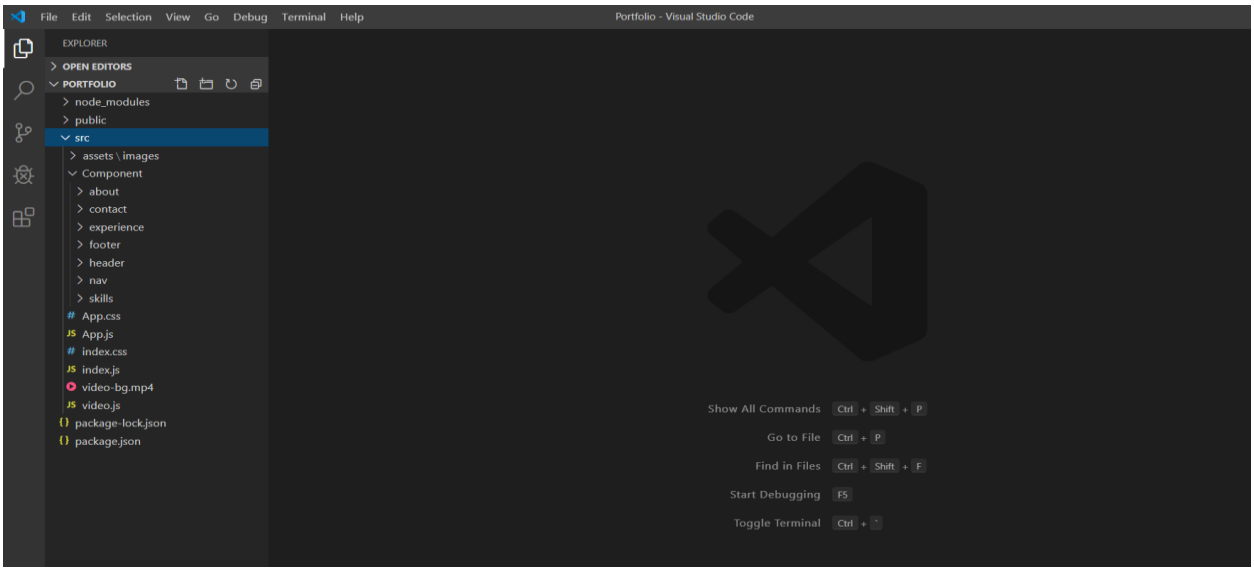


- Node-modules: This folder contains all the dependencies required for your React project. It is usually managed by the Node Package Manager (NPM) and should not be manually modified.

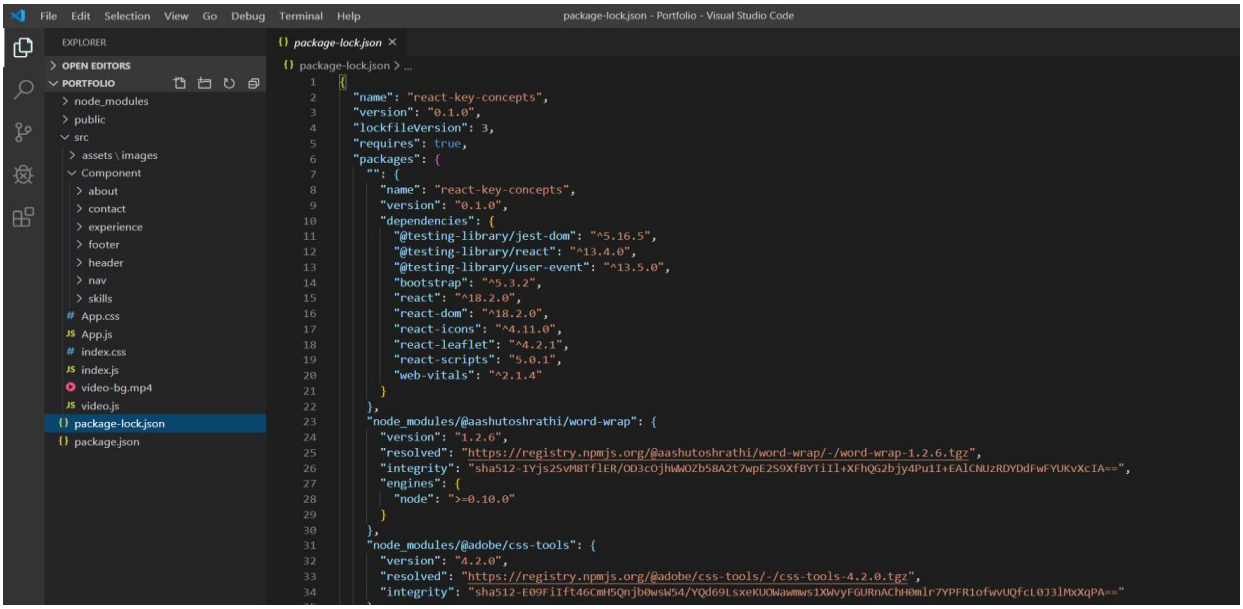


- Public folder: Contains index.html and other assets.
- Favicon.ico: It contains the small icon that appears in the browser tab.
- Index.html: This is the main HTML file that includes the root element.
- Logo.png: Represent the logo image used in your application.

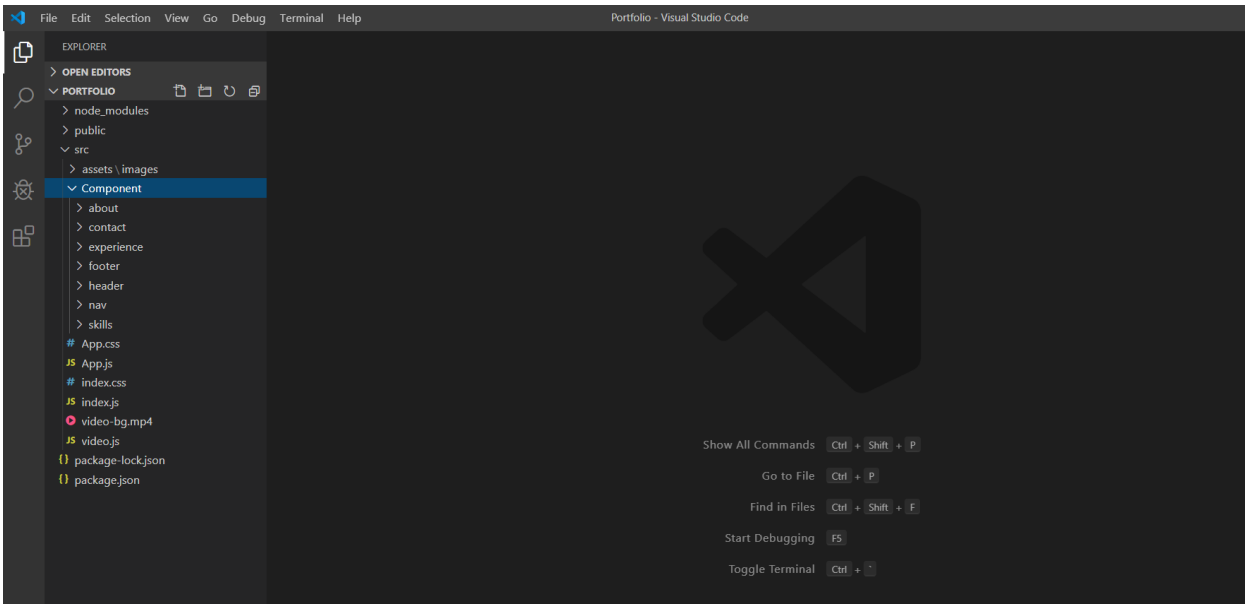
- Manifest.json: It has information about the web application when we installed on a user's mobile device.
- Robots.txt: it is used to provide instruction to web crawlers and search engines about which pages of your website to crawl or not.



- Src folder: Contains React code.
- App.js: this is the main component of your React application. It defines the structure and behavior of the root component.
- Index.css: This CSS file is used to style the main index.html file.
- Index.js: This is the entry point of your React application. It imports the App component and render it into root element defined in index.html.
- Video.bg: this video used for bg.
- Package-lock.json: This file is automatically generated and is used by NPM to lock down the version of each dependencies are installed.
- Package.json: This file contains information about your project and its dependencies.



At the beginning of the work, we created a folder inside the src folder called components. Inside this folder, and created this folders,about, contact,experience,footer,header,nav,skill.



Description of the (App.js page)

```
import React from 'react';
```

This line imports the React library, which is required to define and create React components.

```
import Header from './Component/header/header';
 import Nav from './Component/nav/nav';
```

```
import About from './Component/about/about';
import Portfolio from './Component/experience/Portfolio';
import Skill from './Component/skills/skill';
import Contact from './Component/contact/Contact';
import Footer from './Component/footer/footer';
```

These lines import various components from their respective paths. It seems like the code is structured in a way that each component is defined in its own file and located in a directory named after the component.

```
import './App.css';
```

This line imports the styles defined in the "App.css" file. The CSS styles in this file are applied to the components rendered in the App component.

```
import video from './assets/images/video-bg.mp4';
```

This line imports a video file named "video-bg.mp4" from the "assets/images" directory. The video file is assigned to the variable named "video."

```
function App() {
  return(
    <div id="video" >
        <video autoPlay muted loop  id="myVideo"  src={video} alt="video"/>
          <div id="one">
          <Header/>
            <Nav/>
            <About/>
            <Portfolio/>
            <Skill/>
            <Contact/>
           <Footer/>
          </div>
    </div>

  );

}
```

This function defines the App component. It is a functional component, which means it is a JavaScript function that returns JSX (JavaScript XML). The App component renders a structure of nested components.
The outermost div element has an id of "video." It serves as a container for the video and the

other components.
- Inside the "video" div, there is a video element that plays the video specified by the "src" prop. The video is set to autoplay, muted, and looped. It has an id of "myVideo" and an alt attribute set to "video."
- Inside the "video" div, there is another div element with an id of "one." This div serves as a container for the rest of the components.
Within the "one" div, the following components are rendered in order:
- Header
- Nav
- About
- Portfolio
- Skill
- Contact
- Footer

```
export default App;
```

-This line exports the App component as the default export of the module, making it available for use in other parts of the application.

Description of the (Nav.js page)

```
import React from 'react';
import './nav.css';
import {AiOutlineHome} from 'react-icons/ai';
import {AiOutlineUser} from 'react-icons/ai';
import {BiBook} from 'react-icons/bi';
import {GiSkills} from 'react-icons/gi';
import {BiMessageSquareDetail} from 'react-icons/bi';
import {useState} from 'react';
```

This section of the code imports the required dependencies and components for the React application. It imports the React library, the 'nav.css' file for styling, and several icons from different icon libraries (`react-icons/ai`, `react-icons/bi`, `react-icons/gi`). Additionally, it imports the `useState` hook from the 'react' package.

```
const Nav=()=>{
  const [activeNav , setActiveNav] = useState('#');
```

This code defines a functional component called `Nav`. The component represents a navigation bar. It uses the `useState` hook to create a state variable called `activeNav` and a corresponding function called `setActiveNav`. The initial value of `activeNav` is set to `'#'`.

```
return(
      <div id="nav">
       <a href="#" onClick={()=> setActiveNav('#')} className={activeNav === '#' ? 'active' : ''}><AiOutline
Home/></a>
       <a href="#about" onClick={()=> setActiveNav('#about')} className={activeNav === '#about' ? 'active'
: ''}><AiOutlineUser/></a>
       <a href="#Portfolio"  onClick={()=> setActiveNav('#exprience')} className={activeNav === '#exprien
ce' ? 'active' : ''}>
         <BiBook/></a>
       <a href="#skills" onClick={()=> setActiveNav('#skills')} className={activeNav === '#skills' ? 'active' :
 ''}><GiSkills/></a>
       <a href="#contact" onClick={()=> setActiveNav('#contact')} className={activeNav === '#contact' ? 'a
ctive' : ''}><BiMessageSquareDetail/></a>
      </div>
   )
}
```

This part of the code defines the JSX (JavaScript XML) structure that will be rendered by the component. It returns a `<div>` element with the `id` attribute set to "nav". Inside the `<div>`, there are five `<a>` elements representing the navigation links.

Each `<a>` element has an `href` attribute that specifies the link destination when clicked. The `onClick` event handler is attached to each `<a>` element, which calls the `setActiveNav` function with a new value based on the clicked link. The `className` attribute of each `<a>` element is conditionally set based on whether the `activeNav` state matches the link's destination. If they match, the 'active' class is applied; otherwise, an empty string is used.

Inside each `<a>` element, there is an icon component (`AiOutlineHome`, `AiOutlineUser`, `BiBook`, `GiSkills`, `BiMessageSquareDetail`). These icons are rendered using the respective imported icon components.

```
export default Nav;
```

This line exports the `Nav` component as the default export, making it available for other parts of the application to import and use.

Description of the (CTA.js page)

```
import React from 'react';
```

This line imports the React library, which is required to create and manage React components.

```
import CV from '../../assets/images/CV.pdf';
```

This line imports the CV (Curriculum Vitae) file from the specified location. The file is a PDF located in the `assets/images` directory of the project.

```
const CTA= () =>{
  return(
     <div className="cta">
        <a href={CV} download className="btn">Download CV </a>
        <a href="#contact" className="btn btn-primary">Let's Talk</a>

     </div>
  )
}
```

This code defines a functional component named `CTA`. It returns JSX (JavaScript XML) code that renders a `<div>` element with the CSS class `cta`. Inside the `<div>`, there are two `<a>` elements:

- The first `<a>` element is a download link for the CV file. The `href` attribute is set to the imported `CV` variable, which points to the PDF file. The `download` attribute indicates that the file should be downloaded when the link is clicked. The `<a>` element also has the CSS class `btn`.

- The second `<a>` element is a regular link with the `href` attribute set to `#contact`, which typically refers to an anchor element with the `id` attribute equal to `contact`. This link is used for navigation purposes and has the CSS classes `btn` and `btn-primary`.

```
export default CTA;
```

This line exports the `CTA` component as the default export, making it available for other modules to import and use in their code.

In summary, this code defines a React functional component called `CTA` that renders a `<div>` element containing two links. The first link is a download link for a CV file, and the second link

is a regular navigation link. The component can be imported and used in other parts of a React application.

Description of the (Header.js page)

```
import React from 'react';
```

This line imports the React library, which is required to create and manage React components.

```
import './header.css';
```

This line imports the CSS file named `header.css`. The CSS file contains styles specific to the `Header` component.

```
import CTA from './CTA';
```

This line imports the `CTA` component from the local file named `CTA.js` (or `CTA.jsx`). The `CTA` component is used within the `Header` component.

```
import Me from '../../assets/images/ME.jpg';
```

This line imports the image file `ME.jpg` from the specified location (`assets/images` directory). The imported image is assigned to the variable `Me` and will be used to display an image in the `Header` component.

```
import HeaderSocials from './HeaderSocials';
```

This line imports the `HeaderSocials` component from the local file named `HeaderSocials.js` (or `HeaderSocials.jsx`). The `HeaderSocials` component is used within the `Header` component.

```
const Header=()=>{
   return(
      <div id="header">
          <div className="container header_container" >
```

```
            <h5>Hello I'm</h5>
            <h1>Mahnaz Faizi</h1>
             <h5 className="text-light">Fullstack Developer</h5>
             <CTA/>
             <HeaderSocials/>
             <a href="#contact" className="scroll__down">Scroll Down</a>

             <div className="me">
                <img src={Me} className="img"/>
             </div>

          </div>

       </div>


   )
}
```

This code defines the `Header` functional component. It returns JSX code that represents the header section of a webpage. The header contains a `<div>` element with the `id` attribute set to `"header"`. Inside the `<div>`, there is another `<div>` element with the CSS class `container` and `header_container`. Inside this inner `<div>`, the following elements are rendered:

- `<h5>` element displaying the text "Hello I'm".

- `<h1>` element displaying the name "Mahnaz Faizi".

- `<h5>` element with the CSS class `text-light` displaying the text "Fullstack Developer".

- `<CTA />` component, which represents a call-to-action section and is rendered using the `CTA` component imported earlier.

- `<HeaderSocials />` component, which represents a section for displaying social media links and is rendered using the `HeaderSocials` component imported earlier.

- `<a>` element with the CSS class `scroll__down` and `href` attribute set to `"#contact"`, typically used for scrolling down to a specific section of the page.

- `<div>` element with the CSS class `me`, containing an `<img>` element that displays the imported image (`Me`) with the CSS class `img`.

```
export default Header;
```

This line exports the `Header` component as the default export, making it available for other modules to import and use in their code.

In summary, this code defines a React functional component named `Header` that represents the header section of a webpage. It includes various elements like headings, a call-to-action section, social media links, an image, and a scroll-down link. The component can be imported and used in other parts of a React application.

Description of the (HeaderSocials.js page)

```
import React from 'react';
import {BsLinkedin} from 'react-icons/bs';
import {FaGithub} from 'react-icons/fa';
import {FaTwitter} from 'react-icons/fa';
```

These lines import the necessary dependencies:

- `React` is imported from the 'react' library, which is required to create and manage React components.

- `BsLinkedin` is imported from the 'react-icons/bs' library. It represents the LinkedIn icon from the Bootstrap Icons library.

- `FaGithub` is imported from the 'react-icons/fa' library. It represents the GitHub icon from the Font Awesome library.

- `FaTwitter` is also imported from the 'react-icons/fa' library. It represents the Twitter icon from the Font Awesome library.

```
const HeaderSocials = () =>{
   return(
      <div className="header__socials">
        <a href="https://www.linkedin.com/in/mahnaz-faizi-
038795202?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app"
 target="_blank"><BsLinkedin/></a>
        <a href="https://github.com/Mahnazfaizi" target="_blank"><FaGithub/></a>
        <a href="https://twitter.com/mahnaz_faizi?t=1GWuN2fnDNHu9w1QH9RrNA&s=35" target="_blank">
<FaTwitter/></a>
      </div>
   )
}
```

This code defines the `HeaderSocials` functional component. It returns JSX code that represents a container for social media icons in the header section. The container is a `<div>` element with the CSS class `header__socials`. Inside the `<div>`, there are three `<a>` elements, each representing a social media icon link:

- The first `<a>` element represents the LinkedIn icon and has an `href` attribute pointing to a LinkedIn profile URL. The `target` attribute is set to `"_blank"`, which opens the link in a new tab or window. The `<BsLinkedin />` component renders the LinkedIn icon.

- The second `<a>` element represents the GitHub icon and has an `href` attribute pointing to a GitHub profile URL. The `target` attribute is set to `"_blank"`, and the `<FaGithub />` component renders the GitHub icon.

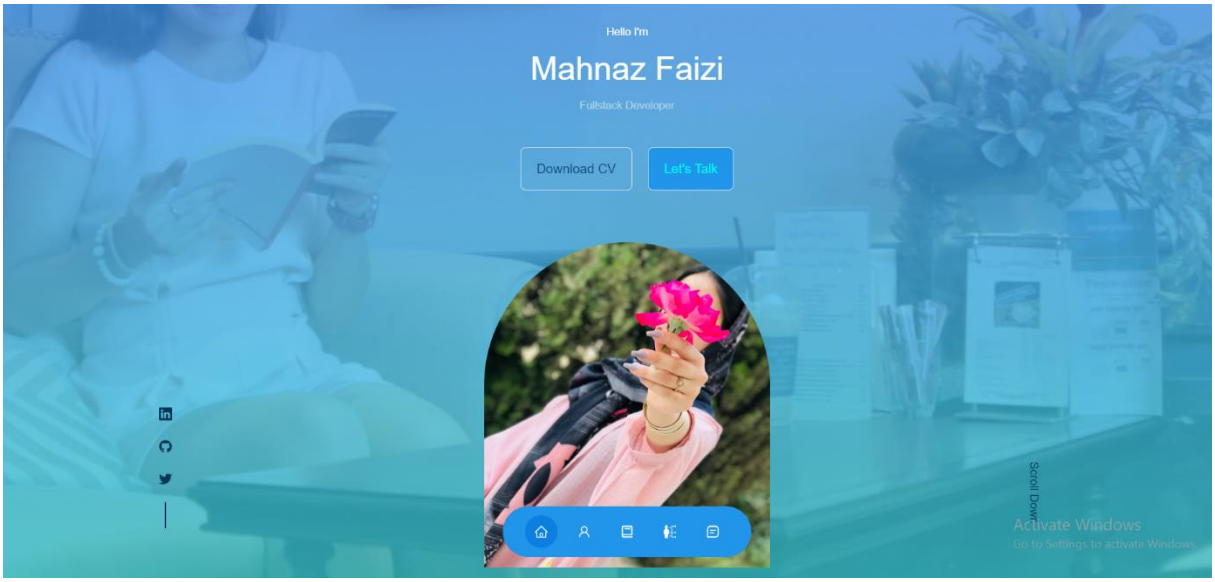
- The third `<a>` element represents the Twitter icon and has an `href` attribute pointing to a Twitter profile URL. The `target` attribute is set to `"_blank"`, and the `<FaTwitter />` component renders the Twitter icon.

```
export default HeaderSocials;
```

This line exports the `HeaderSocials` component as the default export, making it available for other modules to import and use in their code.

In summary, this code defines a React functional component named `HeaderSocials` that represents a container for social media icons in the header section. It includes icons for LinkedIn, GitHub, and Twitter, each represented by a separate `<a>` element. The component can be imported and used in other parts of a React application.

OutPut:



Description of the (About.js page)

```
import React from 'react';
import './about.css';
import ME from '../../assets/images/My.jpg'
import {GiTrophyCup} from 'react-icons/gi';
import {PiCertificate} from 'react-icons/pi';
import {AiFillSafetyCertificate} from 'react-icons/ai';
```

- This block of code imports necessary dependencies and resources for the React component. The `React` module is imported from the 'react' package. The './about.css' file is imported for styling purposes. The `ME` variable is assigned the value of the imported image file '../../assets/images/My.jpg'. The `GiTrophyCup`, `PiCertificate`, and `AiFillSafetyCertificate` components are imported from their respective packages, which are used as icons later in the code.

```
const About=()=>{
   return(
      <section id="about">
         <h5>Get To Know</h5>
         <h2>About Me</h2>
```

- This block of code defines a functional React component named `About`. The component is defined using an arrow function. It returns JSX code wrapped in a `<section>` element with the `id` attribute set to "about". Inside the section, there are two heading elements, `<h5>` and `<h2>`, displaying "Get To Know" and "About Me".

```
<div className="container about__container">
            <div className="about__me">
               <div className="about__me-image">
                  <img src={ME} alt="About Image"/>
               </div>
            </div>
<div className="about__content">
```

- This block of code defines a container `<div>` element with the class name "container about__container". Inside the container, there are two nested `<div>` elements. The first one has the class name "about__me" and the second one has the class name "about__content".

```
<div className="about__content">
               <div className="about__cards">
                  <article className="about__card">
                     <GiTrophyCup className="about__icon"/>
                     <h5>Awards</h5>
                      <small>15+ Awards Won<br/>(2015 - 2023)</small>
```

```
                </article>

                <article className="about__card">
                  <PiCertificate className="about__icon"/>
                  <h5>Certificates</h5>
                    <small>10+ Deferent Sections <br/> (2015 - 2023) </small>
                </article>

                <article className="about__card">
                  <AiFillSafetyCertificate className="about__icon"/>
                  <h5>Achievements</h5>
                    <small>Intern at Asoda Awar and CS OF CS<br/> (2018-2020)<br/>
                    </small>

                </article>
              </div>
```

- This block of code defines a `<div>` element with the class name "about__cards". Inside the div, there are three `<article>` elements representing different sections. Each section contains an icon component (`GiTrophyCup`, `PiCertificate`, `AiFillSafetyCertificate`), a heading element (`<h5>`), and a small element displaying additional information.

```
              <p id="pragraph">
              passionate about creating intuitive and visually appealing user interfaces. With 3 years of experie
nce in front-
end development, I have honed my skills in crafting responsive and dynamic web applications using cutting-
edge technologies like React.js. Beyond my technical abilities, I am a creative problem-
solver who thrives in collaborative environments. I believe in the power of teamwork and effective communica
tion to achieve outstanding results. Let's work together to turn your ideas into reality and make a meaningful i
mpact in the digital world.


              </p>
```

- This block of code defines a paragraph element (`<p>`) with the `id` attribute set to "pragraph". The paragraph contains a description of the person's passion for creating user interfaces, their experience in front-end development, their skills, and their approach to problem-solving.

```
<a href="#contact" className="btn btn-primary about-btn">Let's Talk</a>
</div>
        </div>
      </section>
    )
}
```

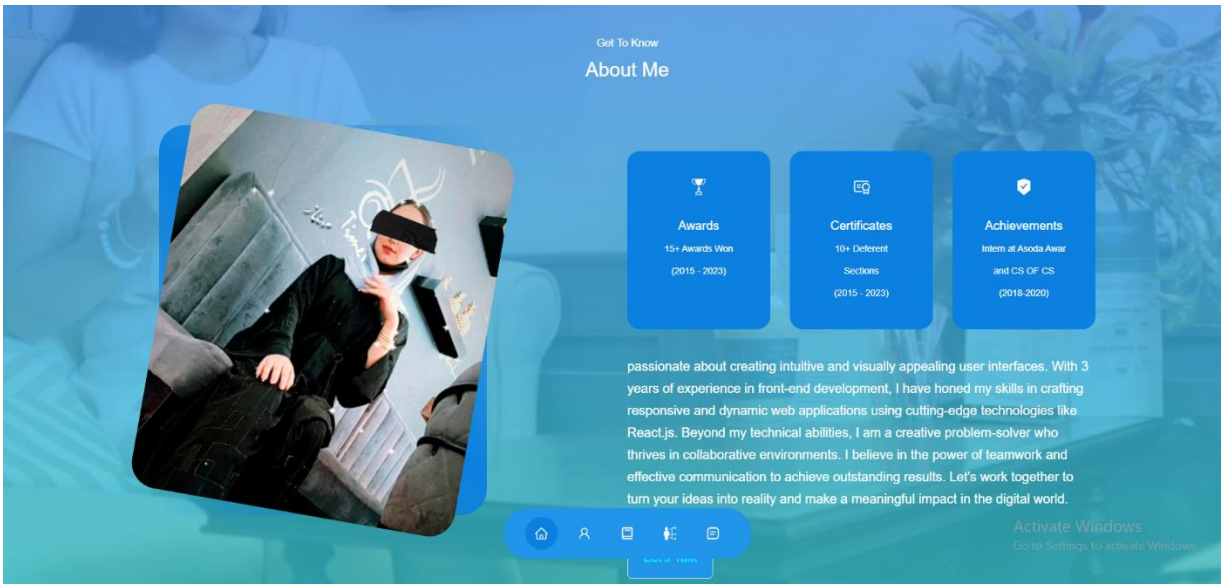
```
export default About;
```

- This line of code defines an anchor element (`<a>`) with the `href` attribute set to "#contact". The element has the class names "btn btn-primary about-btn" and displays the text "Let's Talk". It is typically used as a button to navigate to the contact section.

- This block of code closes the remaining open tags and ends the `About` component definition. The component is then exported as the default export, making it available for other modules to import and use.

- This line of code defines an anchor element (`<a>`) with the `href` attribute set to "#contact". The element has the class names "btn btn-primary about-btn" and displays the text "Let's Talk". It is typically used as a button to navigate to the contact section.

OutPut:



Description of the (Portfolio.js page)

```
import React from 'react';
import './Portfolio.css';
import IMG1 from '../../assets/images/photo1.PNG';
import IMG2 from '../../assets/images/photo2.PNG';
import IMG3 from '../../assets/images/photo3.PNG';
import IMG4 from '../../assets/images/photo4.PNG';
import IMG5 from '../../assets/images/photo5.PNG';
import IMG6 from '../../assets/images/photo6.PNG';
```

- This code imports the necessary dependencies and image files for the portfolio component. The `./Portfolio.css` file is a CSS file for styling the component. The `IMG1` to `IMG6` variables represent imported images for the project thumbnails.

```
const data = [
  {
    id : 1,
    image:IMG1,
    title :'1.  Dice Game: A thrilling web game crafted using JavaScript, HTML, and CSS.',
   github: 'https://github.com/Mahnazfaizi/Dice-Game',


  },

  {
    id : 2,
    image:IMG2,
    title :'React Museum Website:  museum experience, meticulously crafted using React.js',
   github: 'https://github.com/Mahnazfaizi/React-Website',


  },
  {
    id : 3,
    image:IMG3,
    title :' Simon-Game: This classic Simon game recreated using JavaScript, HTML, and CSS',
   github: 'https://github.com/Mahnazfaizi/Simon-Game',


  },
  {
    id : 4,
    image:IMG4,
    title :' Bootstrap Service Project: A visually appealing project built using Bootstrap 4',
```

```
  github: 'https://github.com/Mahnazfaizi/Bootstrap-Service-Project',


 },
 {
  id : 5,
  image:IMG5,
  title :'CRUD App: A robust application developed with PHP and MySQL,(Ceate,Read,Update,Update,Delet
e)',
  github: 'https://github.com/Mahnazfaizi/PHP-Crud-App',

 },
 {
  id : 6,
  image:IMG6,
  title :'Watch Shop Website: A stylish online storefront designed with HTML and CSS ',
 github: 'https://github.com/Mahnazfaizi/Watch-Shop-Website',


 },
]
```

- The `data` array contains objects representing project data. Each object has properties such as `id`, `image` (the imported image file), `title` (project title), and `github` (GitHub repository URL).

```
const Portfolio=()=>{
   return(
      <section id="Portfolio">
        <h5>My Works</h5>
        <h2>Portfolio</h2>
        <div className="container portfolio__container">
          {
            data.map(({id , image , title  ,github})=>{
              return(
                <article  key={id}className="portfolio__item">
            <div className="portfolio__item-image">
              <img src={image} alt={title}/>
            </div>
              <h3>{title}</h3>
            <div className="portfolio__item-cta">
            {/* <a href={github} className="btn" target='_blank'>Github</a> */}
            <a href={github} className="btn btn-primary" target='_blank'>Github</a>
            </div>
```

```
          </article>
            )
          })
        }
      </div>
    </section>
  )
}

export default Portfolio;
```

- The `Portfolio` component is a functional component that renders the portfolio section.

- Inside the component, there is an HTML-like JSX code that represents the structure of the portfolio section.

- The `data.map()` function is used to iterate over the `data` array and generate dynamic content for each project.

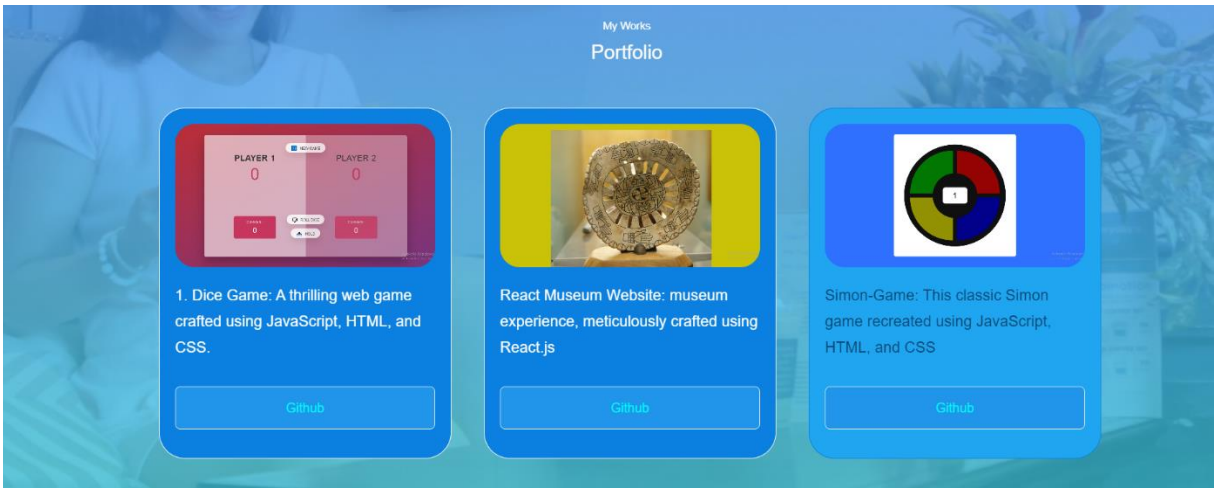
- For each project, an `article` element is created with the project's image, title, and a "Github" button that links to the project's GitHub repository.

- The `key` prop is set to the `id` of each project to provide a unique identifier for React's reconciliation algorithm.

- The `target='_blank'` attribute is used in the `a` tag to open the link in a new tab.

The provided code represents a portfolio component that displays a list of projects with their respective images and GitHub repository links. It utilizes React's component-based architecture to generate the dynamic content based on the `data` array.

OutPut:



Description of the (Skills.js page)

```
import React from 'react';
import './skill.css';
```

This code imports the necessary dependencies and the `skill.css` file for styling the component.

```
const Skill=()=>{
  return(
    <section id="skills">
      <h5>The Skills I Have</h5>
      <h2>My Skills</h2>
      <div className="container skill__container">
        <div className="skill__frontend">
          <h3>Frontend Development</h3>
          <div className="skill__box">
            <span className="title">HTML</span>
            <div className="skill__bar">
              <span className="skill__per html">
                <span className="tooltip">100%</span>
              </span>
            </div>
          </div>
          <div className="skill__box">
            <span className="title">CSS</span>
            <div className="skill__bar">
              <span className="skill__per css">
                <span className="tooltip">100%</span>
```

```
                </span>
              </div>
            </div>
            <div className="skill__box">
              <span className="title">Java Script</span>
              <div className="skill__bar">
                <span className="skill__per JavaScript">
                  <span className="tooltip">75%</span>
                </span>
              </div>
            </div>
            <div className="skill__box">
              <span className="title">Bootstrap</span>
              <div className="skill__bar">
                <span className="skill__per Bootstrap">
                  <span className="tooltip">85%</span>
                </span>
              </div>
            </div>
            <div className="skill__box">
              <span className="title">React</span>
              <div className="skill__bar">
                <span className="skill__per react">
                  <span className="tooltip">80%</span>
                </span>
              </div>
            </div>
          </div>
          <div className="skill__backend">
          <h3>Backend Development</h3>
            <div className="skill__box">
              <span className="title">PHP</span>
              <div className="skill__bar">
                <span className="skill__per PHP">
                  <span className="tooltip">55%</span>
                </span>
              </div>
            </div>
            <div className="skill__box">
              <span className="title">MySQL</span>
              <div className="skill__bar">
                <span className="skill__per MySQL">
                  <span className="tooltip">50%</span>
                </span>
              </div>
```

```
            </div>
            <div className="skill__box">
              <span className="title">Java</span>
              <div className="skill__bar">
                <span className="skill__per Java">
                  <span className="tooltip">70%</span>
                </span>
              </div>
            </div>
            <div className="skill__box">
              <span className="title">OOP</span>
              <div className="skill__bar">
                <span className="skill__per OOP">
                  <span className="tooltip">60%</span>
                </span>
              </div>
            </div>
            <div className="skill__box">
              <span className="title">C</span>
              <div className="skill__bar">
                <span className="skill__per C">
                  <span className="tooltip">45%</span>
                </span>
              </div>
            </div>
          </div>
        </div>
      </section>
    )
}

export default Skill;
```

- The `Skill` component is a functional component that renders the skills section.

- Inside the component, there is an HTML-like JSX code that represents the structure of the skills section.

- The section is divided into two parts: frontend development skills (`skill__frontend`) and backend development skills (`skill__backend`).

- Each skill is represented by a `skill__box` element with a title and a skill bar.

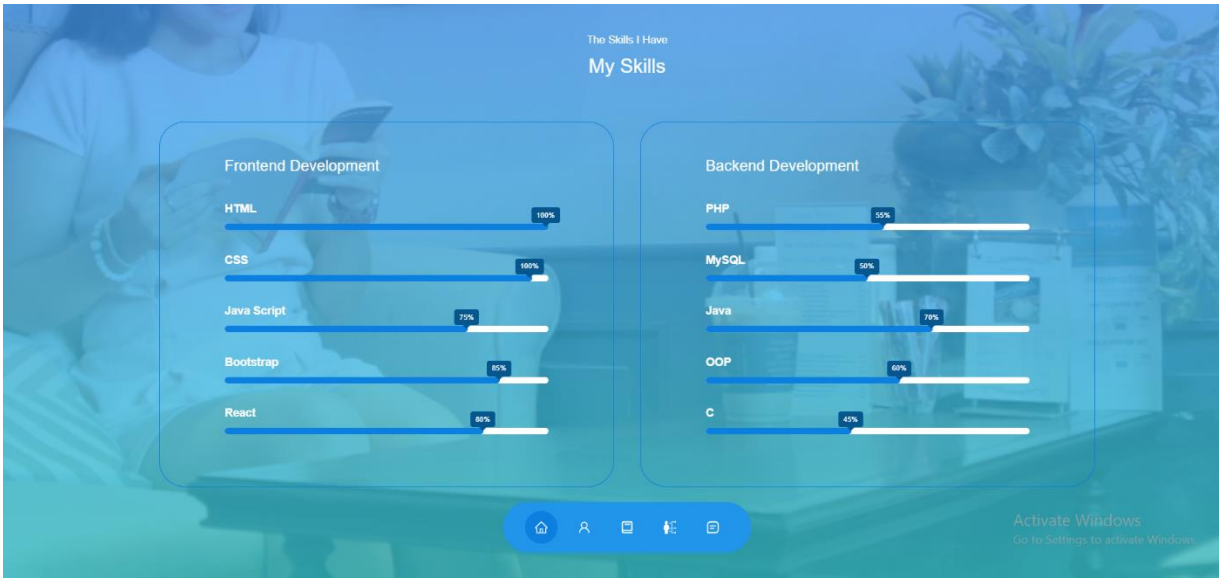
- The skill bar is implemented using a `skill__bar` container and a `skill__per` element that represents the skill percentage.

- Inside the `skill__per` element, there is a `tooltip` element that displays the skill percentage as a tooltip.

- The CSS classes (`html`, `css`, `JavaScript`, `Bootstrap`,`react`, `PHP`, `MySQL`, `Java`, `OOP`, and `C`) are used to style the skill bars and provide different colors and widths based on the skill level.

In summary, this React component renders a skills section with frontend and backend development skills. Each skill is displayed with a title and a skill bar representing the skill level. The skill level is indicated by a percentage value displayed as a tooltip. The component uses CSS classes to style the skill bars and provide visual indicators of the skill levels.

OutPut:



Description of the (Contact.js page)

```
import React from 'react';
import './Contact.css';
import 'leaflet/dist/leaflet.css';
import {MdOutlineEmail} from 'react-icons/md';
import {RiMessengerLine} from 'react-icons/ri';
import {BsWhatsapp} from 'react-icons/bs';
import { MapContainer, TileLayer ,Marker,Popup} from 'react-leaflet';
```

- The code imports the necessary dependencies for the `Contact` component.

- `React` is imported from the 'react' package, which is required to define React components.

- `'./Contact.css'` is imported to apply styles specific to the `Contact` component.

- `'leaflet/dist/leaflet.css'` imports the CSS styles for the Leaflet map used in the component.

- `MdOutlineEmail`, `RiMessengerLine`, and `BsWhatsapp` are imported from their respective packages to use specific icons.

- `MapContainer`, `TileLayer`, `Marker`, and `Popup` are imported from the 'react-leaflet' package to render the interactive map.

```
const Contact=()=>{
  const position =[34.336030, 69.187530];
  return(
    <section id="contact">
  <h5>Get In Touch</h5>
  <h2>Contact Me</h2>

  <div className="container contact__container">
    <div className="contact__options">
      <article className="contact__option">
        <MdOutlineEmail className="contact__option-icon"/>
        <h4>Email</h4>
        <h5>Mahnazfaizi1398@gmail.com</h5>
        <a href="mailto:Mahnazfaizi1398@gmail.com" target="_blank">Send Message</a>
      </article>
      <article className="contact__option">
        <RiMessengerLine className="contact__option-icon"/>
        <h4>Messenger</h4>
        <h5>MahnazFaizi</h5>
        <a href="https://www.facebook.com/mahnaz.faizi.7?mibextid=ZbWKwL" target="_blank">Send M
essage</a>
      </article>
      <article className="contact__option">
        <BsWhatsapp className="contact__option-icon"/>
        <h4>WhatsApp</h4>
        <h5>+93787561943</h5>
        <a href="https://wa.me/qr/M4HE4XY2FVN3I1" target="_blank">Send Message</a>
      </article>
    </div>
    <form action="">
      <input type="text" name="name" placeholder="Your Full Name" required />
      <input type="email" name="email" placeholder="Your Email" required />
      <textarea type="message" name="message" placeholder="Your Message" required ></textarea>
```

```
          <button type="submite" className="btn btn-primary">Send Message</button>
        </form>
        <div className="contact-page">
      <MapContainer
        center={position} // Set your desired coordinates here
        zoom={13} // Set the initial zoom level
        scrollWeelZoom={false}
      >
        <TileLayer
          url="https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png" // Provide a tile layer source
         attribution ='Map data &copy; <a href="https:www.openstreetmap.org/"> openStreetMap</a> contributo
rs' />

      <Marker position={position}>
        <Popup>
          This is the exact location.
        </Popup>
      </Marker>
      </MapContainer>
    </div>

    </div>
    </section>
  );



}

export default Contact;
```

- The `Contact` component is a functional component that renders the contact section.

- Inside the component, there is JSX code that represents the structure of the contact section.

- The section is wrapped in a `<section>` element with the `id` attribute set to "contact".

- The section includes a heading and a subheading.

- The contact options are rendered within a `<div>` element with the CSS class `contact__options`.

- Each contact option is represented by an `<article>` element with an icon, title, contact details, and a link to send a message.

- The contact form is rendered within a `<form>` element and includes input fields for name, email, and message, along with a submit button.

- The contact map is rendered within a `<div>` element with the CSS class `contact-page`.

- The map is created using the `MapContainer` component from `react-leaflet`. It is centered around the specified `position` coordinates and has an initial zoom level of 13.

- A `TileLayer` component is added to provide thebase map for the Leaflet map. It uses the OpenStreetMap tile layer URL and includes attribution information.

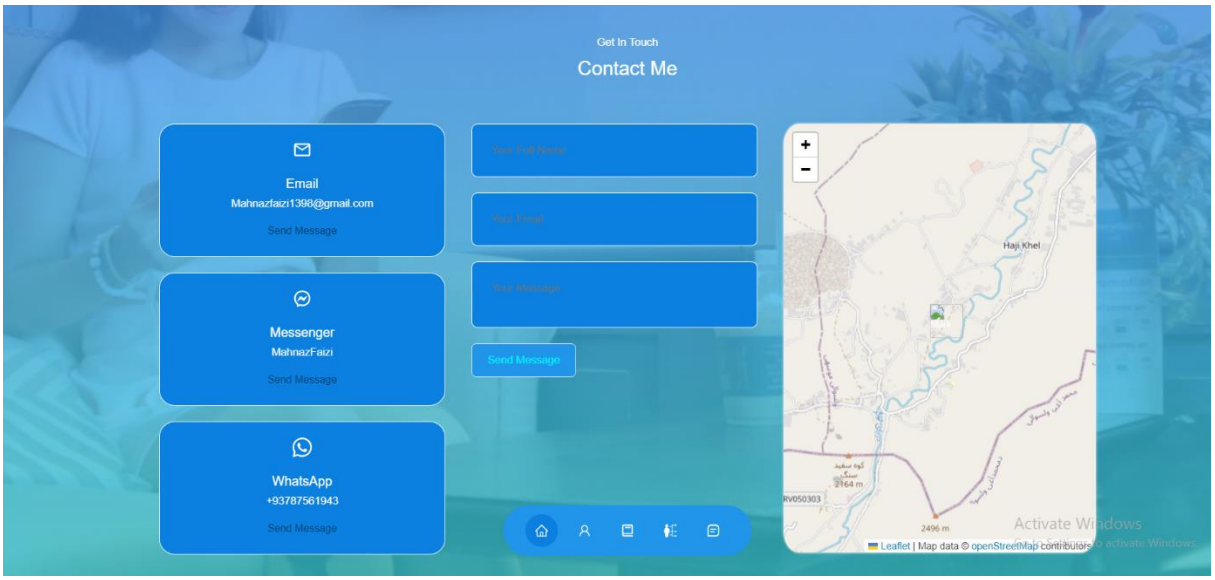
- A `Marker` component is added to the map at the specified `position` coordinates. It represents a location on the map.

- A `Popup` component is attached to the `Marker`, which displays the text "This is the exact location" when clicked.

- Finally, the `Contact` component is exported as the default export, making it available for use in other parts of the application.

This code represents a contact section in a React application. It includes contact options, a contact form, and an interactive map. The contact options allow users to send messages via email, messenger, or WhatsApp. The contact form allows users to enter their name, email, and message. The map displays a marker at a specific location and provides a popup with a message when clicked.

OutPut:



Description of the (Footer.js page)

```
import React from 'react';
import './footer.css';
import {FaFacebookF} from 'react-icons/fa';
import {FiInstagram} from 'react-icons/fi';
import {IoLogoTwitter} from 'react-icons/io';
import logo from '../../assets/images/logo1.png'
```

- The code imports the necessary dependencies for the `Footer` component.

- `React` is imported from the 'react' package, which is required to define React components.

- `'./footer.css'` is imported to apply styles specific to the `Footer` component.

- `FaFacebookF`, `FiInstagram`, and `IoLogoTwitter` are imported from their respective packages to use specific icons.

- `logo` is imported as an image file from the specified path in the project's assets.

```
const Footer=()=>{
   return(
      <div id="footer">
         <a href="#" className="footer__logo"><img src={logo}/></a>
         <ul className="permalinks">
            <li><a href="#">Home</a></li>
            <li><a href="#about">About</a></li>
            <li><a href="#Portfolio">Portfolio</a></li>
            <li><a href="#skills">Skills</a></li>
            <li><a href="#contact">Contact</a></li>

         </ul>
         <div className="footer__socials">
            <a href="https://www.facebook.com/mahnaz.faizi.7?mibextid=ZbWKwL"><FaFacebookF/></a>
            <a href="https://instagram.com/mnz_1381?igshid=MzNlNGNkZWQ4Mg=="><FiInstagram/></a>
            <a href="https://twitter.com/mahnaz_faizi?t=1GWuN2fnDNHu9w1QH9RrNA&s=35"><IoLogoTwi
tter/></a>
         </div>
         <div className="footer__copyright">
            <small>&copy;MAHNZ Portfolio Website </small>
         </div>
      </div>
   )
}
```

```
export default Footer;
```

- The `Footer` component is a functional component that renders the footer section.

- Inside the component, there is JSX code that represents the structure of the footer section.

- The footer is wrapped in a `<div>` element with the `id` attribute set to "footer".

- The component includes a logo, a list of permalinks, social media icons, and a copyright notice.

- The logo is represented by an `<a>` element with the CSS class `footer__logo`, and it contains an `<img>` element with the `src` attribute set to the imported `logo` image file. The `alt` attribute is used to provide alternative text for the logo.

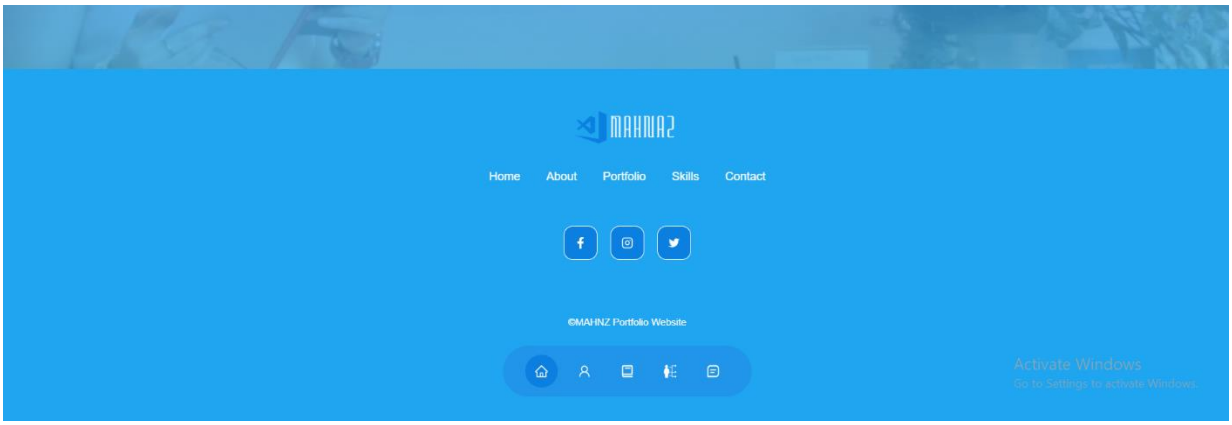
- The permalinks are rendered as an unordered list (`<ul>`) with the CSS class `permalinks`. Each list item (`<li>`) contains an anchor (`<a>`) element with a `href` attribute pointing to a specific section of the page.

- The social media icons are rendered within a `<div>` element with the CSS class `footer__socials`. Each icon is represented by an `<a>` element with an `href` attribute linking to a social media profile. The icon components (`<FaFacebookF />`, `<FiInstagram />`, `<IoLogoTwitter />`) render the respective icons.

- The `<small>` element within the `<div>` element with the CSS class `footer__copyright` displays the copyright notice.

This code represents a footer section in a React application. It includes a logo, permalinks for different sections of the page, social media icons, and a copyright notice. The logo and icons are linked to their respective pages, providing navigation functionality.

Output:



Deployment:

Step 1: Create a new repository on GitHub
- Log in my GitHub account and create a new repository.
- Give it a name, such as "My Portfolio".

Step 2: Set up myr React project locally
- Create a new React project on your local machine using a tool like Create React App.
- Open my project directory in a terminal or command prompt.

Step 3: Initialize a Git repository
- Run the following command in your project directory to initialize a Git repository:

< git init>

Step 4: Add and commit my project files
- Add all the files in my project directory to the Git repository using the following command:

`

< git add >

- Commit the changes using the following command:

`

< git commit -m "Initial commit">

Step 5: Add the GitHub repository as a remote
- Link my local Git repository to the GitHub repository you created earlier by running the following command:

`

git remote add origin <repository-url>
Replace

<repository-url>

Step 6: Build my React app
- Run the following command to build my React app for production:

`

< npm run build>

Step 7: Deploy to GitHub Pages

- Install the gh-pages package by running the following command:

```
<npm install gh-pages --save-dev>
```

- Open the package.json file in your project directory and add the following lines:

```
"homepage": "https://<github-username>.github.io/<repository-name>",
"scripts": {
  "predeploy": "npm run build",
  "deploy": "gh-pages -d build"
}
```

Step 8: Deploy my app

- Run the following command to deploy your app to GitHub Pages:

```
<npm run deploy>
```

Step 9: Check my deployment

- After the deployment process finishes, visit https://<github-username>.github.io/<repository-name>

in your web browser to see your React app live on GitHub Pages.

That's it! my React project is now deployed to GitHub Pages.