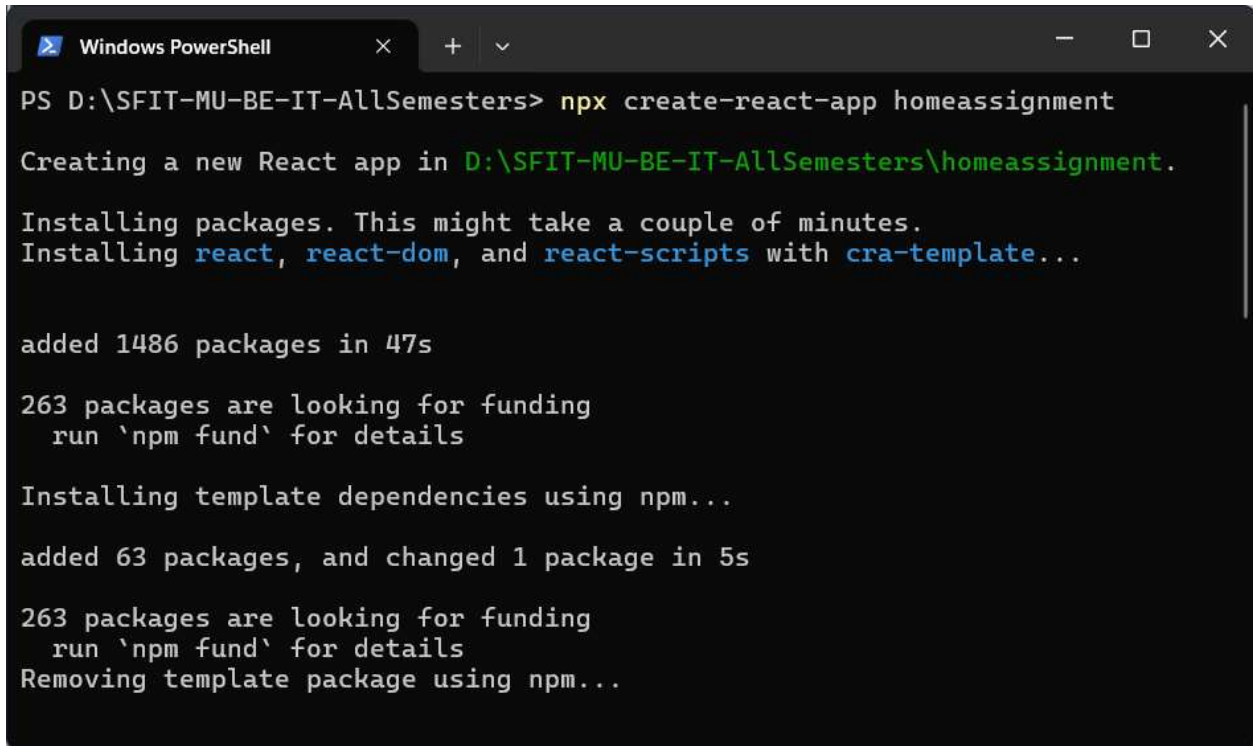Task: To Implement a Class Component React Application (Profile Card)

1. Start with creating a react app using CRA (create-react-app)
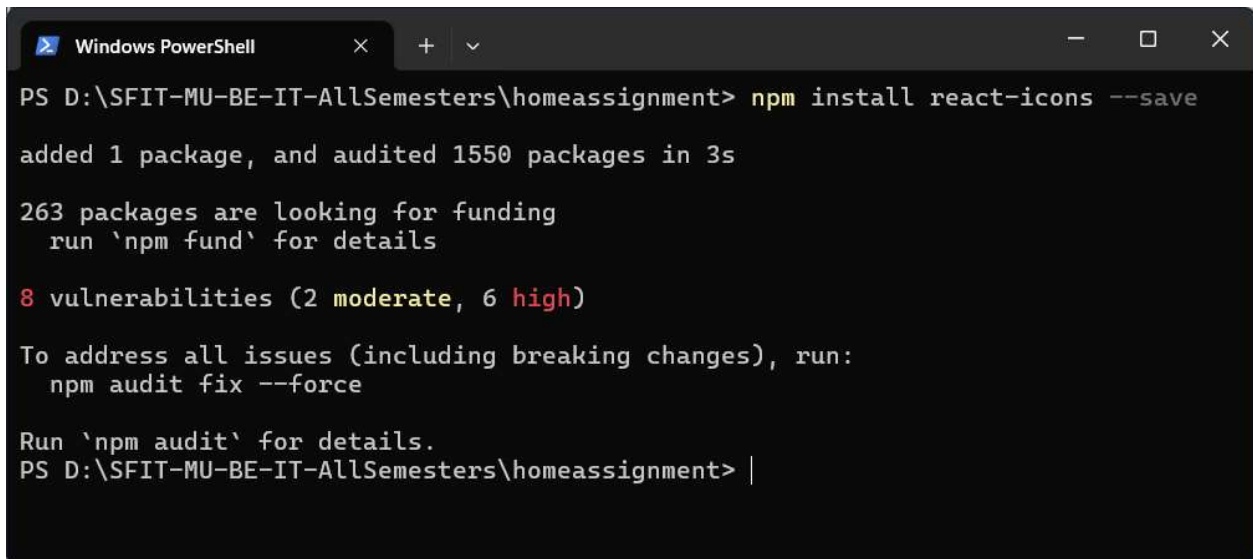
2. Installing React icons Library that have Icons that can be directly imported

First web page is landing page whose design can be of your choice.

ProfileCard.jsx file

```jsx
import React, { Component } from 'react';
import { Link } from 'react-router-dom';
import './ProfileCard.css';
import profileImage from './assets/images/Profile.jpg';

export default class ProfileCard extends Component {
  render() {
    const profile = {
      name: 'Vishal Rajesh Mahajan',
      rollNo: 'TE IT A4 Roll no 62',
      tagline: 'From Code to Career, find me everywhere as "vishalrmahajan"',
      imageUrl: profileImage,
      bannerUrl: 'https://www.vishalrmahajan.in/assets/images/banner.png',
      skills : ['Python', 'HTML', 'CSS', 'JavaScript', 'React', 'AWS', 'FastApi',
'SQL','Machine Learning'],
    };

    return (
      <div class="card-container">
        <img class="round" src={profile.imageUrl} alt="user" />
        <h3>{profile.name}</h3>
        <h6>{profile.tagline}</h6>
        <p></p>
        <div class="buttons">
        <Link to="/detailed-profile" state={{ profile }}>
          <button class="primary">
            View Details
          </button>
        </Link>
        </div>
      </div>

    );
```

```
      }
}
```

ProfileCard.css

```css
@import url('https://fonts.googleapis.com/css?family=Montserrat');

* {
  box-sizing: border-box;
}

body {
  background-color: #28223F;
  font-family: Montserrat, sans-serif;

  display: flex;
  align-items: center;
  justify-content: center;
  flex-direction: column;

  min-height: 100vh;
  margin: 0;
}

h3 {
  margin: 10px 0;
  color: #fff;
}

h6 {
  margin: 5px 0;
  text-transform: uppercase;
  color: #00C9A7;
}

h4 {
    margin: 5px 0;
    text-transform: uppercase;
```

```css
    color: #00C9A7;
}

p {
  font-size: 14px;
  line-height: 21px;
  color: #fff;
}

.card-container {
  background-color: #231E39;
  border-radius: 5px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
  overflow: hidden;
  width: 300px;
  text-align: center;
  padding: 20px;
  position: relative;
}

.round {
  width: 100px;
  height: 100px;
  border-radius: 50%;
  margin: 20px 0;
  object-fit: cover;
  border: 2px solid #fff;
}

.buttons {
  display: flex;
  justify-content: center;
  gap: 10px;
  margin: 20px 0;
}

.primary {
  background: #00C9A7;
  color: white;
```
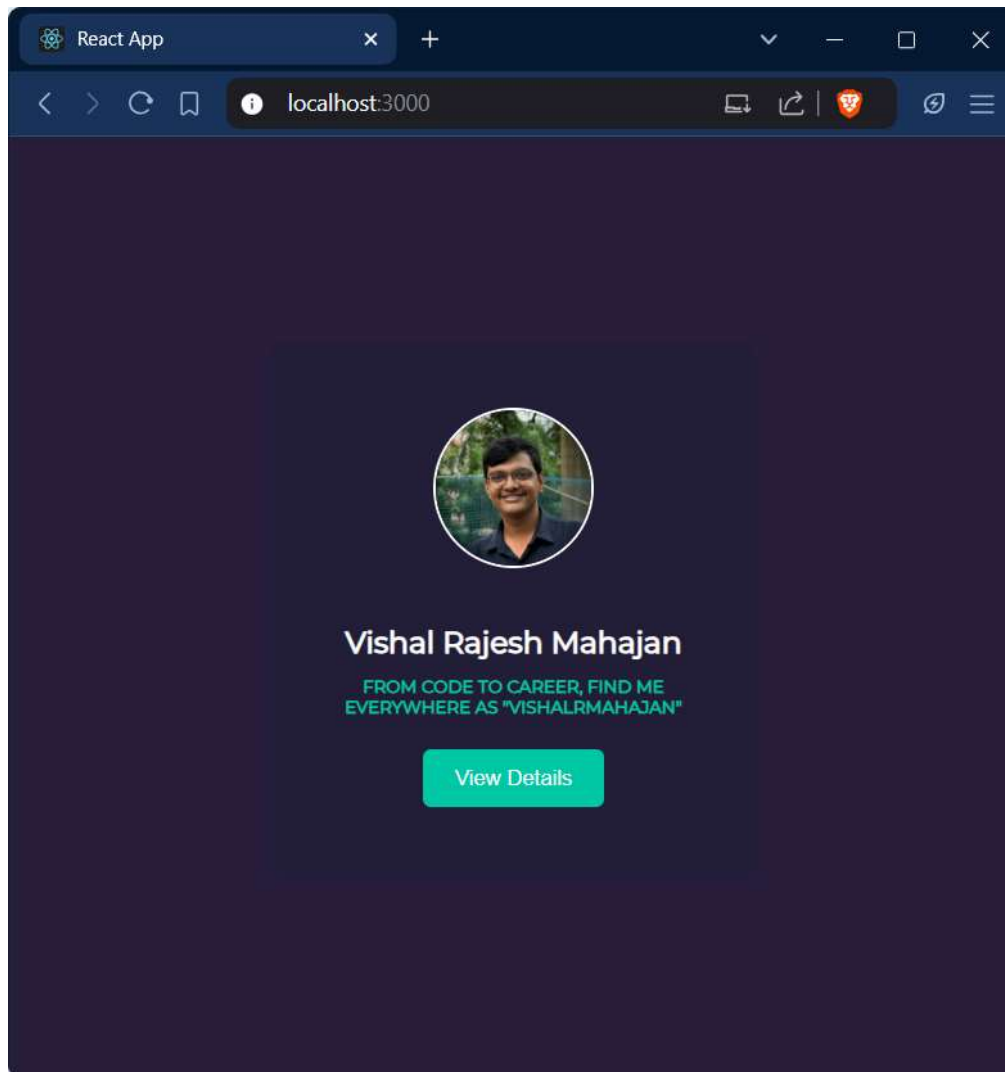
```
  border: none;
  padding: 10px 20px;
  border-radius: 5px;
  cursor: pointer;
  transition: background 0.3s;
}

.primary:hover {
  background: #00c9a752;
}
```

ProfileCard Page which is Landing Page:

Second webpage design is as shown in figure. Create it using react Class Component

DetailedCard.jsx
(This is where the data in Profile Card Class component will be Passed)

```jsx
import React, { Component } from 'react';
import { useLocation } from 'react-router-dom';
import './DetailedProfile.css';
import { Link } from 'react-router-dom';
import { FaInstagramSquare } from 'react-icons/fa';
import { FaLinkedin } from 'react-icons/fa';
import { FaGithub } from 'react-icons/fa';

class DetailedProfile extends Component {
  render() {
    const { profile } = this.props.location.state;

    return (
      <div class="card-container">
        <img class="round" src={profile.imageUrl} alt="user" />
        <h3>{profile.name}</h3>
        <h6>{profile.tagline}</h6>

        <div class="skills">
          <h6>Skills</h6>
          <ul>
            {profile.skills.map((skill, index) => (
              <li key={index}>{skill}</li>
            ))}
          </ul>
        </div>

        <div class="social">
          <h4>Connect with me</h4>
          <div class="social-icons">
            <a href="https://www.instagram.com/vishalrmahajan" target="_blank"
rel="noreferrer">
              <FaInstagramSquare size={32} color='white' />
```

```jsx
                </a>
                <a href="https://www.linkedin.com/in/vishalrmahajan" target="_blank"
rel="noreferrer">
                    <FaLinkedin size={32} color='white' />
                </a>
                <a href="https://www.github.com/vishalrmahajan" target="_blank"
rel="noreferrer">
                    <FaGithub size={32} color='white' />
                </a>
            </div>
        </div>
        <Link to="/" state={{ profile }}>
            <button class="primary">
                Hide Details
            </button>
        </Link>
    </div>
  );
 }
}

export default function DetailedProfileWrapper() {
  const location = useLocation();
  return <DetailedProfile location={location} />;
}
```

DetailedCard.css

```css
.social-icons {
  display: flex;
  justify-content: center;
  gap: 10px;
}

.skills {
  text-align: left;
  margin-top: 20px;
}
```
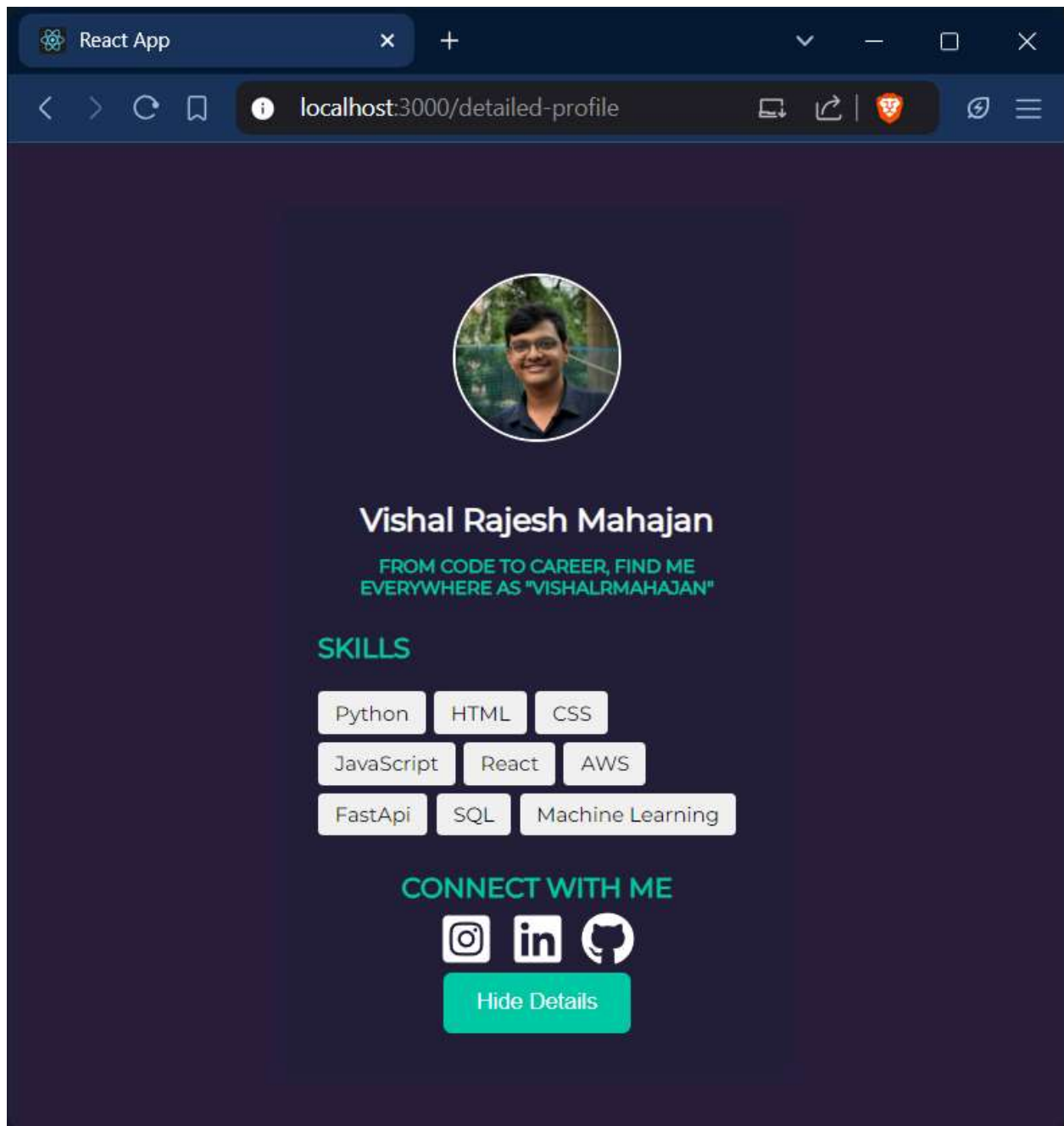
```css
.skills h6 {
  font-size: 16px;
  color: #00C9A7;
  margin-bottom: 10px;
}

.skills ul {
  list-style: none;
  padding: 0;
}

.skills ul li {
  background: #f0f0f0;
  padding: 5px 10px;
  border-radius: 3px;
  margin-bottom: 5px;
  display: inline-block;
  margin-right: 5px;
  font-size: 12px;
}
```

DetailedCard Output that data directly from ProfileCard Class:

App.js (file where a Route is created using React-Router-dom)

```jsx
import './App.css';
import React, { Component } from 'react';
import { BrowserRouter as Router, Route, Routes } from 'react-router-dom';
import ProfileCard from './ProfileCard';
import DetailedProfile from './DetailedProfile';

export default class App extends Component {
  render() {
    return (
      <Router>
        <Routes>
          <Route exact path="/" element={<ProfileCard />} />
          <Route path="/detailed-profile" element={<DetailedProfile />} />
        </Routes>
      </Router>
    );
  }
}
```