

Here's a simple React portfolio website example. This project will showcase basic sections such as an introduction, skills, projects, and contact information. It includes routing to navigate between different sections and a contact form.

Portfolio Website Project:

Project Structure:

- src
 - components
 - Home.js
 - About.js
 - Skills.js
 - Projects.js
 - Contact.js
 - NavBar.js
 - App.js
 - index.js
 - App.css

NavBar.js

```
import React from 'react';
import { Link } from 'react-router-dom';

function NavBar() {
  return (
    <nav className="navbar">
      <Link to="/">Home</Link>
      <Link to="/about">About</Link>
      <Link to="/skills">Skills</Link>
      <Link to="/projects">Projects</Link>
      <Link to="/contact">Contact</Link>
    </nav>
  );
}

export default NavBar;
```

Home.js

```
import React from 'react';

function Home() {
  return (
    <section className="home">
      <h1>Welcome to My Portfolio</h1>
      <p>Hello, I'm [Your Name]. I'm a [Your Profession].</p>
    </section>
  );
}

export default Home;
```

About.js

```
import React from 'react';

function About() {
  return (
    <section className="about">
      <h2>About Me</h2>
      <p>Here's a little bit about me.</p>
      <p>I have experience in [Your Experience].</p>
    </section>
  );
}

export default About;
```

Skills.js

```
import React from 'react';

function Skills() {
  return (
```

```
<section className="skills">
  <h2>Skills</h2>
  <ul>
    <li>JavaScript</li>
    <li>React</li>
    <li>CSS</li>
    <li>HTML</li>
    <li>[Add More Skills]</li>
  </ul>
</section>
);
}
```

```
export default Skills;
```

Projects.js

```
import React from 'react';

function Projects() {
  return (
    <section className="projects">
      <h2>Projects</h2>
      <ul>
        <li>
          <h3>Project 1</h3>
          <p>Description of project 1.</p>
        </li>
        <li>
          <h3>Project 2</h3>
          <p>Description of project 2.</p>
        </li>
        <li>
          <h3>Project 3</h3>
          <p>Description of project 3.</p>
        </li>
      </ul>
    </section>
  );
}
```

```
export default Projects;
```

Contact.js

```
import React, { useState } from 'react';
```

```
function Contact() {  
  const [formValues, setFormValues] = useState({ name: "", email: "",  
message: "" });  
  const [formErrors, setFormErrors] = useState({});  
  const [isSubmitting, setIsSubmitting] = useState(false);  
  
  const handleChange = (e) => {  
    const { name, value } = e.target;  
    setFormValues({ ...formValues, [name]: value });  
  };  
  
  const validate = () => {  
    let errors = {};  
    if (!formValues.name.trim()) errors.name = 'Name is required';  
    if (!formValues.email) errors.email = 'Email is required';  
    else if (!/^\S+@\S+\.\S+$/.test(formValues.email)) errors.email = 'Email  
address is invalid';  
    if (!formValues.message.trim()) errors.message = 'Message is  
required';  
    return errors;  
  };  
  
  const handleSubmit = (e) => {  
    e.preventDefault();  
    setFormErrors(validate());  
    setIsSubmitting(true);  
  };  
  
  React.useEffect(() => {  
    if (Object.keys(formErrors).length === 0 && isSubmitting) {  
      console.log('Form submitted successfully', formValues);  
      alert('Message sent successfully!');  
    }  
  }, [formErrors, isSubmitting, formValues]);  
}
```

```
return (  
  <section className="contact">  
    <h2>Contact Me</h2>  
    <form onSubmit={handleSubmit} noValidate>  
      <div className="form-group">  
        <label htmlFor="name">Name</label>  
        <input  
          type="text"  
          name="name"  
          id="name"  
          value={formValues.name}  
          onChange={handleChange}  
        />  
        {formErrors.name && <span  
className="error">{formErrors.name}</span>}  
      </div>  
  
      <div className="form-group">  
        <label htmlFor="email">Email</label>  
        <input  
          type="email"  
          name="email"  
          id="email"  
          value={formValues.email}  
          onChange={handleChange}  
        />  
        {formErrors.email && <span  
className="error">{formErrors.email}</span>}  
      </div>  
  
      <div className="form-group">  
        <label htmlFor="message">Message</label>  
        <textarea  
          name="message"  
          id="message"  
          value={formValues.message}  
          onChange={handleChange}  
        />  
        {formErrors.message && <span  
className="error">{formErrors.message}</span>}  
      </div>
```

```

        <button type="submit">Send</button>
    </form>
</section>
);
}

```

```
export default Contact;
```

App.js

```

import React from 'react';
import { BrowserRouter as Router, Route, Switch } from 'react-router-dom';
import NavBar from './components/NavBar';
import Home from './components/Home';
import About from './components/About';
import Skills from './components/Skills';
import Projects from './components/Projects';
import Contact from './components/Contact';
import './App.css';

```

```

function App() {
    return (
        <Router>
            <div className="App">
                <NavBar />
                <main>
                    <Switch>
                        <Route path="/" exact component={Home} />
                        <Route path="/about" component={About} />
                        <Route path="/skills" component={Skills} />
                        <Route path="/projects" component={Projects} />
                        <Route path="/contact" component={Contact} />
                    </Switch>
                </main>
            </div>
        </Router>
    );
}

```

```
export default App;
```

App.css (for basic styling)

CSS

```
body {  
  font-family: Arial, sans-serif;  
  margin: 0;  
  padding: 0;  
}
```

```
.navbar {  
  background-color: #333;  
  padding: 1rem;  
  display: flex;  
  justify-content: center;  
}
```

```
.navbar a {  
  color: white;  
  margin: 0 1rem;  
  text-decoration: none;  
}
```

```
.navbar a:hover {  
  text-decoration: underline;  
}
```

```
.App {  
  text-align: center;  
}
```

```
section {  
  padding: 2rem;  
}
```

```
h1, h2, h3 {  
  margin: 0.5rem 0;  
}
```

```
.form-group {  
  margin-bottom: 1rem;  
}
```

```
input, textarea {
  width: 100%;
  padding: 0.5rem;
  margin-bottom: 0.5rem;
  border: 1px solid #ccc;
  border-radius: 4px;
}

.error {
  color: red;
  font-size: 0.875rem;
}

button {
  padding: 0.5rem 1rem;
  border: none;
  border-radius: 4px;
  background-color: #007bff;
  color: #fff;
  cursor: pointer;
}

button:hover {
  background-color: #0056b3;
}
```

Explanation

1 Navigation Bar:

- NavBar.js includes links to navigate between different sections of the portfolio.

2 Sections:

- **Home:** Introduces the portfolio.
- **About:** Provides information about yourself.
- **Skills:** Lists your skills.
- **Projects:** Showcases your projects.
- **Contact:** Includes a contact form with basic validation.

3 Form Handling:

- Contact.js demonstrates handling form input, validation, and

submission, with basic error handling and state management.

4 Routing:

- App.js uses React Router to navigate between different sections of the portfolio.

5 Styling:

- Basic styling is applied via App.css to provide a clean layout and visual consistency.

This example provides a solid foundation for a portfolio website and can be expanded with additional features, styling, or content as needed.