EXPERIMENT-7

Name : Sharon Elango   Batch : 3   Roll no : 62

#Code :

#App.js

```
import React from 'react';

import Header from './components/Header'; // Functional

import ProjectList from './components/ProjectList'; // Class-based

import './App.css';


function App() {
  return (
    <div className="portfolio-container">
      <Header />
      <main>
        <h2>My Work</h2>
        <ProjectList />
      </main>
      <footer>
        <p>© 2026 Developer Portfolio</p>
      </footer>
    </div>
  )
```

```
}

export default App;


#App.css

.portfolio-container {

 max-width: 900px;

 margin: 0 auto;

 font-family: sans-serif;

 padding: 20px;

}


.hero {

 text-align: center;

 padding: 50px 0;

 background: #f4f4f4;

 border-radius: 10px;

 margin-bottom: 30px;

}


.project-grid {

 display: grid;

 grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
```

```css
  gap: 20px;
}

.project-card {
  border: 1px solid #ddd;
  padding: 15px;
  border-radius: 8px;
  transition: transform 0.2s;
}

.project-card:hover {
  transform: translateY(-5px);
  box-shadow: 0 5px 15px rgba(0,0,0,0.1);
}
```

#ProjectList.js

```javascript
import React, { Component } from 'react';

class ProjectList extends Component {
  constructor(props) {
    super(props);
    // Initializing state in a class component
    this.state = {
```

```
    projects: [
      { id: 1, title: "E-commerce App", tech: "React & Node" },
      { id: 2, title: "AI Dashboard", tech: "Python & React" },
      { id: 3, title: "Social Media Tool", tech: "Firebase" }
    ]
  };
}

  render() {
    return (
      <div className="project-grid">
        {this.state.projects.map(project => (
          <div key={project.id} className="project-card">
            <h3>{project.title}</h3>
            <p>Built with: {project.tech}</p>
          </div>
        ))}
      </div>
    );
  }
}

export default ProjectList;
```

```
#Header.js

import React from 'react';


const Header = () => {
  return (
    <header className="hero">
      <h1>Sharon Elango</h1>
      <p>Full Stack Developer & UI Designer</p>
      <div className="badge">Available for hire</div>
    </header>
  );
};


export default Header;
```

#OUTPUT:

Sharon Elango

Full Stack Developer & UI Designer

Available for hire

My Work

E-commerce App

Built with: React & Node

AI Dashboard

Built with: Python & React

Social Media Tool

Built with: Firebase