

Phase 3: ReactJS Project

Event Finder App using ReactJS

Problem Statement: Build a React app where users can view and promote upcoming events.

Description: Create an Event Finder application using ReactJS with View, Create and Delete functionalities.

Requirements:

- The app should be responsive.
- There should only be one source of truth for state management.
- The app should have functionalities for users to create, view, and delete events.

Tools Used:

- **react**
- **react-router-dom**
- **useState and useEffect hooks**
- **Bootstrap**

Solution: For the above problem statement, the solution has been designed in a way which abides by the reactjs best practices in terms of project folder structure, component based approach and use of functional components over class components.

Some Features of the Software:

- **Single Source of Truth:** The application state resides in the high level App.js file where the “Event” state is stored.
- **Routing:** react-router-dom is used to handle routing between home page and add event page.
- **Responsive Design:** Bootstrap is used to accelerate development and maintain a uniform design language which also conforms to responsive design.
- **CRUD Operations:** The user is able to view events, delete events and add new events.

GitHub Repository Link: <https://github.com/SaamTEK/event-finder-react>