

React Developer Practical Task

This task is designed to assess your foundational skills in ReactJS, JavaScript, and frontend development. You're encouraged to build this as if it's part of a real-world project. If you can develop and deploy it yourself, that will be a big bonus.

Task: Build a Mini Event Management Dashboard

You are required to create a React-based admin dashboard that manages a list of events. Each event has the following details:

- Event Name
- Description
- Location
- Start Date & Time
- End Date & Time
- Organizer Name
- Event Type (Online / Offline)
- Maximum number of attendees
- Tags (array of keywords)

1. Dashboard Page:

- List all created events in a table.
- Provide options to edit and delete events.

2. Add/Edit Event Form:

- Form with validation using Formik + Yup.
- Use MUI or any component library for UI.
- Use date/time picker components.

3. Filter/Search:

- Search events by name or location.
- Filter by event type (Online/Offline).

4. Data Storage:

- Use localStorage or a mock API (like JSON Server) to store and retrieve event data.
- You can also use any free backend service like Firebase if you're comfortable.

5. Bonus (Optional but Appreciated):

- Deploy the app on Vercel/Netlify.
- Add a login screen with simple static authentication.

6. UI/UX:

- Make sure your layout is clean, simple, and responsive.
- Use meaningful button labels and error messages.

7. Code Quality:

- Organize code in proper folders (components, utils, pages).
- Use reusable components and hooks where needed.

Submission Instructions:

- Share your GitHub repo link (make sure it's public).
- Add a README with steps to run the app.
- If deployed, share the live link.