

Project Task: Build a Job Listing Platform (Frontend)

Project Overview:

You are assigned to build the **frontend of a job listing platform** where users can browse job openings, search for jobs, and view details of each job. Admins (in future) will be able to add and manage job postings (for now, use mock data or API).

Objectives:

Build a responsive React-based frontend for a job board with the following key features:

- Job listing page with search and filters
 - Job details page
 - Navigation system
 - Dynamic routing
 - State management for user interactions
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Requirements & Features

1. Home Page

- Welcome message and brief description of the platform
- Navigation to Job Listings

2. Job Listings Page

- Display list of job cards (job title, company, location, type, posted date)
- Use either:
 - Public API (like Remote Jobs API)
 - Or static mock JSON data
- Implement:
 - **Search bar** (filter by job title, company)
 - **Dropdown filter** (job type: full-time, part-time, remote)
 - **Pagination** (client-side is fine)

3. Job Details Page

- Clicking a job opens a dedicated route `/job/:id`
- Display full details: job description, responsibilities, qualifications, apply link, etc.

4. Responsive Design

- Mobile-first layout
- Use CSS modules, TailwindCSS, or Styled Components

5. Routing

- Use `react-router-dom` for:
 - `/` → Home
 - `/jobs` → Listings
 - `/job/:id` → Job detail

6. State Management

- Use React Context or Redux/Zustand to manage job data and filters

7. Error and Loading States

- Show loading indicator when data is being fetched
- Show error message if fetch fails
- Show message if no jobs match the filters

8. (Optional Bonus) Save Jobs Feature

- Allow users to "save" jobs to local storage
- Show saved jobs in a separate route (`/saved`)

Tech Stack

- React (with Hooks)
- React Router
- Optional: Redux / Zustand / Context API
- CSS (or TailwindCSS / Styled Components)
- Axios or Fetch API