

Project Overview

Build a job portal app using React JS, Redux, and Material UI. The app should allow users to browse available job postings and apply for job positions that interest them. The job postings data will be stored in a mock JSON file, and user application data will be saved in Firebase.

Functional Requirements

The application should have the following functionality:

- Users should be able to view a list of available job postings, including the job title, location, and a brief description.
- Users should be able to click on a job posting to view more details about the position, including the job requirements, qualifications, and application instructions.
- Users should be able to apply for a job by filling out a form with their personal information and attaching a resume or cover letter.
- Users should be able to view a list of job postings they have applied for.

Technical Details

- Use functional components to build the UI.
- Use Redux to manage the application's state, including the list of job postings and user application data.
- Use a mock JSON file to retrieve the list of available job postings.
- Use Firebase to store user application data, including the user's name, contact information, and resume or cover letter.
- Use the lifecycle method to fetch the list of job postings from the mock JSON file.
- Use Material UI components to create the UI, including the list of job postings, job posting details, and job application form.
- Use consistent file naming conventions throughout the project. For example, use PascalCase for component names and camelCase for variable and function names.

Bonus Requirements

If you have time, you can add the following bonus requirements:

- Implement a search bar to allow users to search for job postings by keyword or location.
- Add the ability for users to save job postings to a list of favorites.
- Use React Router to implement client-side routing and allow users to navigate between different views of the application.

Deliverables

Please provide the following deliverables:

- Source code for the project hosted on a code repository like GitHub or Bitbucket.
- A brief write-up of the project, including any challenges faced and how you overcame them.

Conclusion

We believe that this project will be an excellent opportunity for you to demonstrate your skills and understanding of React JS, Redux, file naming conventions, and Material UI. We are excited to see what you can do!