

# Frontend Interview Assignment: Candidate Application Platform

## Overview

Your task is to create a candidate application platform that allows users to view job listings, **filter jobs based on various criteria**, and implement **infinite scroll** for a seamless browsing experience. The platform should provide a user-friendly interface for viewing and applying to jobs.

For the UI / Designs please install this [extension](#) where you can see the job card and filters. Please note that the behavior should be infinite scroll and not a load more button. Please note that for scope of this assignment you only need to consider the **Search jobs** section only. You are not required to implement the logic / UI for post apply.

## Requirements

- Job Cards: Each job listing should be displayed as a card containing the following information:
  - Job title
  - Company name
  - Location
  - Job description (limited to a certain number of characters with an option to expand)
  - Experience required
  - Apply button/link
- Filters: Implement filters to allow users to refine the job listings based on:
  - Min experience
  - Company name
  - Location
  - Remote/on-site



- Tech stack
- Role
- Min base pay

- Infinite Scroll: Implement infinite scroll to load additional job listings as the user scrolls down the page. The platform should fetch and display more jobs automatically without requiring the user to click on a "Load More" button.
- Responsive Design: Ensure that the platform is responsive and works well on different screen sizes, including mobile devices (Optional)



Note: You do not have to replicate the sidebar.

## Technology Stack

You are required to use the following tech stack for the assignment

- ReactJs
- Redux
- CSS
- Material UI
- Please note that creating your logic for any other logic-related change is a better implementation than using 3rd party libraries

## Assets

The UI you need to implement can be found [here](#). You can ignore any extra data in the UI which is not coming as part of the API below. Please refer to the design photo in [above](#) hyperlink in case you see a diff UI in [extension](#) since we are working on a new UI. For the behavior of filters please install our [extension](#) and see the search jobs section.

For the jobs data you need to integrate this api which takes limit and offset as request body parameter and returns the list of jobs and totalCount of jobs present.



```
const myHeaders = new Headers();
// Headers (Headers object) is an interface for constructing an HTTP request header given the URL of the request and the headers to be sent.
```

```
headers.append('Content-Type', 'application/json');
```

```
const body = JSON.stringify({
  "limit": 10,
  "offset": 0
});

const requestOptions = {
  method: "POST",
  headers: myHeaders,
  body
};

fetch("https://api.weekday.technology/adhoc/getSampleJdJSON", requestOptions)
  .then((response) => response.text())
  .then((result) => console.log(result))
  .catch((error) => console.error(error));
```



## Evaluation Criteria

Your assignment will be evaluated based on the following criteria:

- Functionality: Does the platform meet the requirements specified above?
- Code Quality: Is the code well-structured, readable, and maintainable?
- User Interface: Is the user interface visually the same as the sample?
- Responsiveness: Does the platform work well on different devices and screen sizes? (Bonus)
- Performance: Have you considered the best performance techniques?

## Submission

Please submit your assignment as a GitHub repository with clear instructions on how to run the application locally. Include a README file with any additional information necessary for evaluating your work. Please note that your repository should be public. Also, add meaningful comments in the code where necessary. Please make sure to add small, incremental commits.

Please send this GitHub link to: [anubhav@weekday.team](mailto:anubhav@weekday.team)



## Deadline

The task must be completed within 2 days from whenever you are starting it. Any submission without small incremental commits on GitHub will be automatically rejected.

Eg. You are starting the assignment today. Put a Github commit with the message "init" which will mark the starting timestamp.

The last commit to the project should be within 2 days from the initial commit.

Please ensure that whenever you pick this up, you complete the assignment in 2 days.

## FAQs

- Some of the data coming in the API is having null values. What am I supposed to do with that null data?  
The null values have been added as part of the assignment. You are required to handle null values. If some value is null it should not be seen in the UI of that job card. While filtering if you have applied a particular filter and the value corresponding to that filter is null in the jobDetails you need to filter that out.
- There is no option to send filters in the api provided?  
The filters need to be applied on the frontend to only those jobs which have been loaded till now. You don't have to show all the jobs present in the DB with that filter. But if the user scrolls down and new jobs are added then only show those jobs which fits the filter criteria. Changing filters should not call any API.
- Can I use tailwind css?  
Prefer vanilla css over tailwind for this assignment
- Company name is missing in the API response  
We will be backfilling the companyName in the API response. So it will come for all the jobs. So you can plan your implementation in that way.

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