



# Masai Job App (Full-Stack)

## Instructions

- Read entire question carefully for at-least 15 mins, understand it and then code it.
- Don't jump directly into code.
- Commit your code every hour with proper commit message to your repository (we will monitor every commit)
- Use HTML, CSS and React to solve this question.
- Use redux and thunk for dispatching asynchronous actions.
- Keep the code clean, commented and documented. Maintain feature based coding. (separate action and reducers - feature wise folders ) example : all the action and reducer related to authentication in one folder etc.
- Use only Chakra UI as CSS Library.

## Problem Statement:

- Your app should have two pages
  - Job Posting page
  - Job Listing page

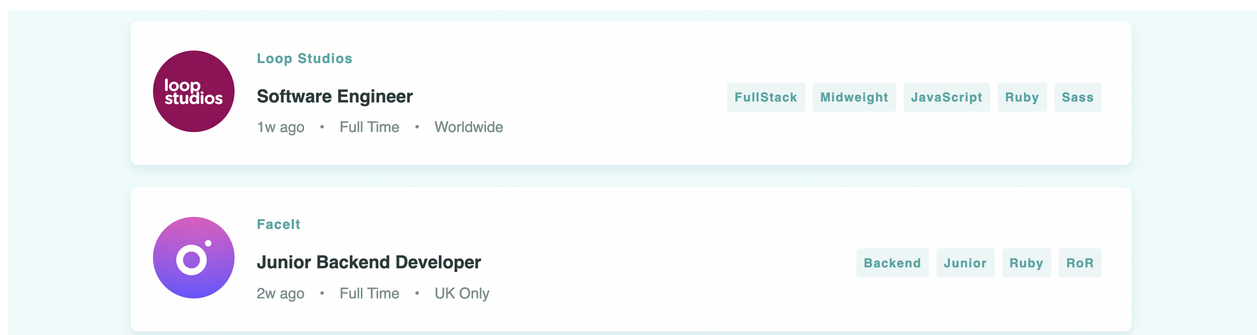
## Job Posting page:

- This page should have a form which takes following info
  - Company name
  - City
  - Location
  - Role (Frontend, Backend, FullStack etc)
  - Level (Junior, Senior etc)
  - Position (Backend Developer, Junior Frontend Developer, Junior Backend Developer, FSD etc)
  - Language (Javascript, Java, C, C++ etc)
  - Contract (full time, part time)
- On form submit, store data in backend server.
- Your data should look like

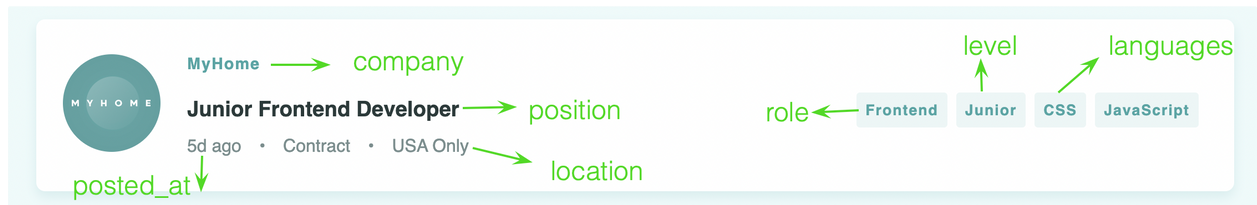
```
[ { "company": "Ellette", "postedAt": "2021-03-30", "city": "Gangtok",  
  "location": "American Samoa", "role": "Frontend", "level": "Junior",  
  "contract": "Full Time", "position": "Backend Developer", "language":  
  "Java" }, { "company": "Jinny", "postedAt": "2021-09-09", "city":  
  "Ludhiana", "location": "Belgium", "role": "FullStack", "level":  
  "Junior", "contract": "Full Time", "position": "Junior Frontend  
Developer", "language": "Java" } ]
```

## Job Listing page:

- Fetch all your jobs which have been posted in previous page.
- Your UI should look like



- Design should look similar to given image above.
- Use some dummy or placeholder images for logo.



- Your app should also have filter and search functionality
  - Filter by role (use Select tag with onchange event)
  - Sort by date(latest to oldest jobs based on job posting date)
  - Search by techstack
    - Create a search bar and when user searches for any language for eg: HTML, jobs related to HTML should be displayed.
- This page should also have pagination, display only 10 jobs per page.
- Make Pixel perfect UI for extra marks.
- Design you app for two themes
  - Light Theme
  - Dark Theme

## Backend:

- Create all relevant APIs for Posting jobs and Fetching jobs
- Filtering,sorting and pagination should be done through API
- Take care of all good practices - naming conventions, MVC structure etc.

## Submission

- Please submit deployed link and Github link of code.
- Deploy backed too.
- **Push your code into `masai-repo` , don't submit personal repo links.**
- Please double check if deployed version works or not (run deployed version on your laptop and then submit it).
- Any issues in deployed link, will be considered null and void.
- Please verify your submissions are correct.
- Make sure you follow all instructions carefully.
- Submit before deadline.

## Rubrics / Criteria to be judged upon

- HTML, CSS, React Redux.
- Backend APIs and code structure
- Filtering and search functionality.
- Pixel perfect UI.
- Code cleanliness.