

We are excited to potentially have you join us and contribute to building an innovative job site. We believe in fostering talent that is:

- **Smart:** You possess a strong technical foundation and the ability to tackle a variety of challenges. You are eager to learn and grow.
- **Passionate:** Your enthusiasm aligns with the work we are doing.
- **Independent:** You not only execute your tasks effectively but also think critically about how we can improve as a team.
- **Humble:** We value collaborative discussions and learning without ego.

As part of our interview process, we would like you to complete an assignment that will allow us to assess your problem-solving abilities, database design skills, and code architecture. This assignment is also an opportunity for you to showcase your technical skills and creativity.

Problem Statement:

You are tasked with developing a job site where users can create profiles, upload resumes, browse job openings, and manage their job applications. Your solution should include the following features:

Core Requirements:

1. **User Profile Management:**
 - Users should be able to create a profile, upload their latest resume, and edit their information, including education, experience, and projects.
2. **Job Browsing and Filtering:**
 - Users should be able to view all available jobs and filter them based on various categories such as:
 - Location
 - Job Type (e.g., full-time, part-time, remote)
 - Job Title
 - Required Years of Experience
 - Compensation
3. **Application Tracking:**
 - Users should be able to view all the jobs they have applied to and manage their applications.

Initial Data:

We will provide you with a JSON file containing a list of employers and their job openings. You will need to utilize this data in your solution. Please find the attached json [here](#).

Above & Beyond (Optional):

For those looking to go the extra mile, consider adding the following features:

1. **Employer Profile Management:**
 - Employers should be able to create profiles, add, view, edit, and delete job postings.
2. **Applicant Tracking for Employers:**
 - Employers should be able to view all applicants for their job postings and filter applicants based on various criteria.
3. **Enhanced Filtering Categories:**
 - Enhance the job filtering capabilities by adding more intuitive categories to the job descriptions in the JSON file.

Implementation Details:

- You may use any front-end and back-end languages you are comfortable with, though we suggest using React for the front end and any REST API framework for the back end.
- Your application should be hosted on a free cloud hosting service such as Heroku or Netlify. Alternatively, you can containerize the application for deployment.
- Please upload your source code, including any necessary documentation, to a public GitHub repository.
- Make sure to include an ER diagram if you design a database schema, as well as any SQL scripts for the database.
- Add a README file to your repository to explain your approach, any assumptions made, and any additional features implemented.

Submission:

Once you have completed the assignment, please submit your work through this form: Submission Form. [click here](#)

Timeline:

You can take up to 3 days to complete this assignment. If you require more time, please inform us in advance.

This is your chance to showcase your skills and creativity. Whether you decide to stick to the core requirements or go above and beyond, ensure that your solution is well-documented and easy to understand.

For any questions, feel free to reach out to us at srinivas@goflexmo.com

We look forward to seeing your innovative solutions!