Hello Candidates,

We are pleased to inform you that you have **successfully passed** the first round of the selection process!! 🎉

Your application and skills have impressed us, and we are excited to move forward with you in the next stages. We are excited to have you explore this opportunity with us. This project is designed to assess your skills, creativity, and problem-solving abilities. It will help us understand how you approach challenges and your ability to deliver high-quality solutions.

Project Overview

CAREER-CODE : A JOB PORTAL SYSTEM

You have to develop a comprehensive job portal platform that enables seamless interaction between job seekers and employers. It supports full CRUD operations for managing job postings, including adding, updating, and deleting jobs, as well as viewing all jobs and applying for these positions. Job seekers can register, log in (with Google login support), apply for jobs, and recover accounts through a "forgot password" feature. This system ensures a smooth and efficient recruitment and job application experience.

Key Things You must have to do

GitHub Management:
- ➡ Include at least 10 meaningful commits
- ➡ Include a README file with the project name, purpose, live URL, key features, and any npm packages you have used.

Software Design:
- ➡ Ensure the Application is fully responsive on mobile, tablet, and desktop.
- ➡ Create a unique & fresh design aligned with the project theme. You can use any kind of external resources

Host your Application:

You have to host and make your application live.
- ➡ ⚠️ ensure that the page doesn't throw any error.
- ➡ ⚠️ Authentication system must have to work on Deployment.
- ➡ ⚠️ Handle Errors carefully.

Maintain Clean Code

➡ Keep the code organized, readable, and modular, following best practices for better maintainability and scalability.

Focus on Front-End Development

➡ Prioritize building a responsive and interactive front-end interface using modern web technologies.

Handle Errors and Loading States Effectively

➡ Implement clear error messages and loading indicators to enhance user experience during data processing or fetching.

Project Features and Requirements

Application Layout Architecture

- The application will have a **navbar**, **footer**, and a main section
- The **main section** will dynamically render pages based on the application's routes,
- **Navbar** will include your company Logo , navigation links , user info, and Authentication controls like profile information , Login & Log-Out Systems.
- **Footer** will include company information , policies , social Links

Authentication System

- Users must be able to create accounts by providing basic details such as name, photo, email and password.
- Include basic input validation, such as checking the email format and ensuring password strength.
- Users must be able to Login with email and password / Google Authentication.
- Handle Login and registration errors efficiently to create a Better UX.
- Make all the routes of the application protected except Landing and Authentication pages.

Application Pages

Home Page / Landing Page (/)

- Design some Landing components to create an interactive and visually appealing design to captivate users and enhance engagement.
- Display only available Job Post with essential information such as **job title** , **location**, **job_type** , **category** , **deadline** , **total applicants**, **salary range** , **currency**. Each card should include a **Details** button for users to navigate the job details page.

All Jobs (/jobs) `protected`

- Display all Job Post with essential information such as **job title** , **location**, **job_type** , **category** , **deadline** , **total applicants**, **salary range** , **currency**. Each card should include a **Details** button for users to navigate the job details page.
- Show a message if no Jobs Available. Don't forget to Handle the data loading state efficiently.
- Integrate a search system based on job Title ,
- Integrate 3 Filtering system based on
  - Job Type (fullTime | part-Time | Hybrid)
  - Experience Level (junior , mid level, entry , internship , senior)
  - Salary Range (min , max)
- Integrate a Sort functionality based on Deadline.

Job Details (/jobs/details/:id) `protected`

- Show all the information about the jobs with **job Description**, **company Information**, **Requirement**, **Responsibility** , **salary_range**, **deadline** etc.
- Show an apply button if the deadline is available . else show a relevant message instead of this. Apply button will navigate user to Apply Route

Add Jobs (/add-jobs) **protected**

- This Page will Show user a Form with following fields
  - **job title , location, job_type , category , application deadline ,**
  - Job descriptions
    - Responsibilities , Requirement . description
  - Salary information
    - Minimum Salary , Maximum Salary , currency
  - Company info

- Submitting the Form will add the following job info with employer information(**name,email,photo**) , **applicants_count(0)** and **status(active)** into Database.

Application Page (/application/apply/:id) **protected**

- This Route will have an application form for candidates with some input fields. By submitting this form will insert the data into the database with following information.
  - **User Information**
    - Name, Email , photo-URL from user
  - **Job information**
    - job_id, job_title, job_type, category, location, deadline
  - **Application Information from input**
    - Career Summary .   skills , experience , why we should hire you
    - minimum salary, maximum salary
    - Portfolio Link , Linkedin Link , Resume Link
  - **Checkboxes**
    - Ready work on preferred location
    - My Skills aligned with job requirement
    - I believe i can resolve all the job responsibility

- Apply Button will full-fill the process of application and insert the data with submitted_At(current Timestamp) , status(pending) into

My Applications (/application/me) **protected**

- Show all the applications submitted by the applicants. In a tabular format. With a withdraw Application Button
- Clicking Withdraw Button will Delete the application.

My JobPost (/my-jobs) `protected`

- Show all the jobs posted by the user in a tabular format with view applications , edit Job, delete Job Button.
- Clicking view applications will navigate users to the review application route
- Clicking on Update Application will navigate the user to the "update Jobs" Route.
- Clicking on Delete Button will delete the Job.

Review Application (/my-jobs/:id) `protected`

- Show all the Applications submitted for a Job to the employer. In card format with all the information and a dropdown button
    - Rejected
    - ShortListed
    - Hired
    - Interview Scheduled

Update Job (/jobs/update/:id) `protected`

- Show all the Inputs for Updating the Job. on update. Navigate users to the Job Details Route.

Additional Tasks

Session Management and Security

- Use JWT tokens for session management and user authorization
- Ensure all private routes (profile, job application, etc.) API are also protected

Put your best foot forward, and let your talent shine through your work. We have full confidence in your abilities and can't wait to see what you create!
Wishing you the very best of luck! 🚀

Thomas Harringson,
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