

Position	Frontend Developer
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Front-End Engineer Screening Assignment

Thank you for applying for the Front-End Engineer position at our company. We are excited to assess your skills and experience to determine if you would be a good fit for the role. This screening assignment is designed to evaluate your front-end development abilities, problem-solving skills, and attention to detail. Please complete the following tasks within the specified time frame and submit your solutions as instructed.

Instructions:

1. This assignment consists of two coding tasks and a brief question regarding front-end development best practices.
2. You have 3 days to complete the assignment from the date of receipt.
3. Fork this assignment repository on GitHub (provide the URL to your fork in your submission email).
4. Solve the coding tasks in separate folders, and provide clear instructions on how to run your code in the repository's README file.
5. Commit your code regularly as you work on the tasks.

Task 1: Build a Responsive Web Page

Create a responsive web page according to the following specifications:

Design: You will find a design mockup (Figma or Sketch file) in the 'design' folder of the repository. Implement the design to match the provided mockup, considering responsiveness for various screen sizes (mobile, tablet, desktop).

Please Note : you have to create Just One section (i.e Pricing)

Link : <https://dribbble.com/shots/19111584-Pricing-page-Untitled-UI>

Requirements:

- Use HTML5 and CSS3 (you can use CSS frameworks if you prefer).
- The page should be responsive and work on different devices and screen sizes.
- Implement the page using best practices in front-end development.
- Include appropriate accessibility considerations (semantic HTML, ARIA roles, etc.).

- Add hover effects or transitions to enhance user experience.

Task 2: Implement a JavaScript Feature

Create a JavaScript feature to allow users to filter a list of items based on specific criteria. You can use the data in the 'data' folder for this task.

Sample Data :

https://docs.google.com/document/d/1us-Ng0wLWs6kD655_WuY1TuLdGmGT4tQYUwDOrkd_zA/edit?usp=sharing

Requirements:

- Display the list of items from the provided data.
- Add filter options (e.g., category, date, etc.) to filter the list of items dynamically.
- Handle user interactions smoothly and efficiently.
- Use JavaScript best practices and consider performance optimizations.
- Write clear and concise code with comments for explanation where necessary.

Front-End Development Question:(Optional)**

In a few paragraphs, explain the importance of code splitting and lazy loading in modern front-end development. How do these techniques benefit the user experience, and what are the best practices for implementing them?

Submission:

1. Commit and push your solutions to your forked repository.
2. Send an email to Hr@the12thman.in with the subject line: "Front-End Engineer Screening Assignment Submission."
3. Include the link to your forked repository in the email body.
4. Attach your explanation for the front-end development question in the email as a separate document (PDF or text file).

Note: Please ensure your code is well-organized, properly commented, and adheres to best practices. We value code quality and clarity in addition to functionality.

Good luck! We look forward to reviewing your submission and assessing your skills for the Front-End Engineer position. If you have any questions about the assignment, feel free to reach out to us via email.