

Build a Responsive Web Page

Task Description:

As a front-end developer candidate, your task is to create a responsive web page using HTML, CSS, and JavaScript. This task will help us evaluate your skills in web development, your understanding of modern web design principles, and your ability to write clean and maintainable code.

Requirements:

- **Design:** Design will be provided from our end. The focus is on coding and responsiveness.
- **HTML:** Create the HTML structure for the web page. Ensure it is semantic and accessible. Use appropriate HTML5 elements.
- **CSS:** Style the web page using CSS. Make sure it's visually appealing and responsive to various screen sizes (desktop, tablet, mobile). Use CSS Flexbox or Grid for layout.
- **JavaScript:** Implement interactivity or functionality with JavaScript. This could be something simple like a form validation or a navigation menu that collapses on smaller screens.
- **Responsive Design:** The web page should adapt gracefully to different screen sizes and orientations.
- **Performance:** Optimize your code and assets for performance. Use minification and compression where necessary.

Deliverables:

- A repository containing the complete project.
- A README file with instructions on how to run your project locally.
- Ensure that the project is well-documented and the code is clean and maintainable.

Evaluation Criteria:

- Code quality and structure.
- Browser compatibility.
- Overall design and aesthetics.
- Performance optimization.
- Attention to detail and best practices.