

Frontend Developer Testing Challenge

Analyze the ReactJS homepage <http://react.dev> and design a set of test cases that target specific functionalities and layout aspects. Consider both simple and complex scenarios.

Examples:

1. Check if the page has a header and footer.
2. Verify that the theme toggle button works as expected.
3. Ensure the page is accessible via a keyboard.
4. Test search functionality
 1. Open the search bar.
 2. Type "custom hook"
 3. Click on the first result.
 4. Save the search by clicking the "star" icon.
 5. Reopen the search and confirm your query is saved.

Feel free to create your own test scenarios based on those examples. Be creative!

Implementation:

- Use any automation testing library you prefer (e.g., Playwright, Selenium, Cypress, etc.). Feel free to choose a tool based on your favorite programming language.
- Organize your code effectively. Utilize the Page Object Model design pattern to structure your test scripts, enabling better readability and maintenance.

Submission:

- Create a GitHub repository for your project.
- Submit the link to your GitHub repository with all the necessary files and documentation.

You can use any tools and resources you need, but be ready to explain your choices and solutions. If everything goes well, the next interview round will include a code review of your assignment with your future team members.

Remember: *Better done than perfect! It's more important to demonstrate that you can write working code than to aim for perfection. Focus on making progress and learning instead of getting every single detail perfect. Good luck!*