

Test task: React.js developer - Simple blog application

Project requirements:

- Use React.js, Redux, Redux Toolkit, Axios, Styled Components and Tailwind CSS.
- Implement a simple blog application that displays a list of articles retrieved From the REST API.
- Use Redux and the Redux Toolkit to manage state.
- Use Axios to make API requests.
- Styling components with Styled Components and Tailwind CSS.

Instructions:

- Create a new React.js project using your preferred tool (e.g. Create React App).
- Set up Redux and Redux Toolkit for state management.
- Install Axios to handle API requests.
- Use Styled Components and Tailwind CSS to style your components.
- Get article data from REST API using Axios.
 - 1) Fake REST API: [<https://jsonplaceholder.typicode.com/>].
 - 2) API response format: JSON.
 - 3) API request method: POST.
 - 4) API request method: GET.
 - 5) API request method: PUT.
 - 6) API request method: DELETE.
- Display the resulting articles as a list using React components.
- Each article must contain the following information:
 - 1) Title.
 - 2) Author.
 - 3) Publication date.
 - 4) Content (limited to a certain number of characters).
- Implement the following features:
 - 1) Display a loading indicator or a message while these articles are being
 - 2) Retrieved.
 - 3) Handling errors and displaying an error message when an API request fails.
 - 4) Adding a Read More button or link for each article to expand the content
 - 5) To view the full text.
 - 6) Implement pagination or infinite scrolling to get and display additional
 - 7) Articles from the API.
 - 8) Add search functionality to filter displayed articles by title or author.

- Create Reusable React Components and Efficiently Organize Your Code Structure.
- Implement responsive design using Tailwind CSS to ensure the same
- Layout on different screens.
- Follow React.js development best practices, including proper component
- Structure, state management, and code readability.
- Write clean and maintainable code with proper comments and document

“The term for completing the test task is 2 Days from the moment the task is received”

Thank You