React Developer

CHALLENGE

Context: We would like you to build a small responsive web application to test your knowledge of React Development and related technologies.

Please refer to the attached document for an understanding of what the finished app should look like.

The design details and specifications like font family, size, colors, etc., as well as the assets to build the UI, are available on Zeplin using the following information:

```
Project: https://zpl.io/2vJKgqQ
User: recruitment@reign.cl
Password: reignrecruitment!
```

STACK

You must use the following technologies to build the app:

- The latest version of the React framework.
- HTML/CSS only for building the UI components (no 3rd party components library).
- Styled components or CSS Stylesheets.
- Deployment of the web app on Netlify from your Git repository using the New Site from Git workflow.

API

The web application must request data to the Hackers News public API. The dropdown selector component should use the URL parameter “`query`” from the “`search by date`” API in order to filter the posts, for example:

- Angular: https://hn.algolia.com/api/v1/search_by_date?query=angular&page=0
- React: https://hn.algolia.com/api/v1/search_by_date?query=reactjs&page=0
- Vuejs: https://hn.algolia.com/api/v1/search_by_date?query=vuejs&page=0

The pagination should be implemented using the “`page`” URL parameter from this API.

The attributes to use for the post UI are `author, story_title, story_url, created_at`. If any of these attributes are not present in the object response, the post should be discarded from the data.

FUNCTIONALITY

- The selected filter should persist on the local storage
- The favorited posts should persist on the local storage
- The web app is expected to work as a responsive web application
- If you decide to implement the pagination component, it should behave like this one: https://material-ui.com/components/pagination/
- When clicking on the row, a new tab should be open with the link of the post (`story_url`)
- Clicking on the “like button” should not trigger the opening of the post URL link
- When hovering on the row, apply opacity to the entire row and its children (texts, icons, like button, etc)

BONUS

- Implement unit testing
- Good use of Typescript
- Pagination as infinite scroll

WHAT WILL BE EVALUATED?

- Documentation
- Testing
- Clean code

- Software design
- Git history
- Solution deployed

DELIVERABLES

- **Netlify link to the deployed web application**
- **Public GitHub / GitLab / Bitbucket repository URL**

The deliverable should be emailed to nika@applydigital.com

QUESTIONS

- Veronika Solovyeva (Tech Recruiter): nika@applydigital.com