Task

The task consists of the development of a single page dashboard that gets data from an api. The task is only on frontend well focused on design.It should be done in react.

Please refer to the following design
https://www.figma.com/file/ylsHXgYYxIIL1Jyn0fdOeB/Dashboard?node-id=0%3A1

The dashboard should have a dark mode.

Most of the buttons are inactive except the switch dark mode button, search button and the dropdown in the charts.

Flow

The user can search for a wallet address. When he clicks on the search button, a request to the api is made with the input address as parameter. Meantime, a spinner is running and then the data should be displayed accordingly to the UI.

Please make a validation on the input field:
- 42 characters starting with 0x
- Avoid html tags to prevent from script injection.

Concerning the **chart**, the default data received by the api is per day.
Please display the chart accordingly to the selection on the dropdown button (day, week, month).

Data

Endpoint: https://coral-app-v2f78.ondigitalocean.app/api/info
Parameter: address

Example:

https://coral-app-v2f78.ondigitalocean.app/api/info?address=0x7b69c4f2acf77300025e49dbdbb65b068b2fda7d

You can check with these 3 different addresses:

0x7b69c4f2acf77300025e49dbdbb65b068b2fda7d
0x7Fc66500c84A76Ad7e9c93437bFc5Ac33E2DDaE9 (good for chart)
0xdAC17F958D2ee523a2206206994597C13D831ec7

Information about the where retrieve the data is on figma.
In the case the field on the api is empty or does not exist, please mark as "unknown"

Graph Data:

You can see the chart data on an other url:

chart1:
http://127.0.0.1:8000/api/info/callers?address=0x7b69c4f2acf77300025e49dbdbb65b068b2fda7d

chart2:
http://127.0.0.1:8000/api/info/volume?address=0x7b69c4f2acf77300025e49dbdbb65b068b2fda7d

Recommendations

Please make sure your code being **clear**, **simple** and **well documented** as possible.
It should be responsive.
It would be a bonus and great if you add any effects or animations (not too heavy).
I would like to have the possibility to ask you if I don't understand some lines.

Don't hesitate to reach out to me for any questions.

Thank you for your help !

Good luck sir !