



Technical Test - React Developer

As mentioned, here is a quick coding challenge. It's important to note that this is by no means a test...we just want to get a sense for how you write code and solve problems.

We have a simple API that returns a JSON array. An example JSON is attached to this email. Feel free to host it in the public folder of the code.

We would like you to use React (and Redux) to read the API and display it in an organized way. In addition, you should add in some sort of sorting mechanic to the front-end. Feel free to use any visualisation libraries for charting data, but the data processing needs to be done inside your components.

Emphasis is based on the clarity and quality of the code and the implementation of the functionality outlined below and not on the overall design of the application.

Following data set will be provided as an array of objects:

Unique Identifier - First Name - Last Name - DOB - Industry - Annual income - other fields

Should create an app which:

Displays the data as a table/grid(one route) which:

- Supports sorting based on DOB, Industry, Annual income
- Supports pagination (various page sizes)
- Supports search/filtering on First Name and Last Name (autosuggest/autocomplete is a bonus here)
- Table is read only (no editing required, but would be nice to hear your thoughts on how you would do inline editing)

Displays data as a set of charts(one route) which:

- Support selection of relevant properties for chart legends (only required one is DOB, for the rest use what makes sense to you)
- Support multiple visualisation options (pie chart, bar chart, whatever you think is relevant)
- Bonus points for allowing data filtering while in the charts

Estimated completion time: 2-3 hours

Code can be submitted either as a zip file or in a git repo to hello@yobota.xyz