

Dynamic form application:

This challenge is to showcase your skills! We do understand this isn't the only thing going on in your life. Please take your time so you can be as complete and thorough as you feel is necessary. Depending on your skill level it shouldn't take long. Don't worry if there are things you don't know. The purpose is to complete a working form submission to the best of your knowledge. This challenge utilizes many of the tech that we are using.

To the best of your abilities, utilizing the included JSON, please develop an information collection form. This form should iterate over the JSON to output the fields.

Build:

Build a React (higher order) SPA form submission application (micro service). This application should collect, verify, and display data.

- Should be a responsive layout – single column layout on mobile. You should look to use styled-components instead of framework. If you can't build a CSS layout without a framework like bootstrap, material UI, Tailwind or other, please feel free to use a framework you are most comfortable with.
 - Bonus if accessibility is included in the build
- Include a few unit tests. Bonus points if it is completely unit tested (95% and up covered would be considered completely covered)
- Utilize redux toolkit for state management for this is how our application is managing state.
- Include use of TypeScript

Form should include (See field-set.js file for usage. Modify as needed to complete form):

- Fields: - See associated JSON for field structure – alter as needed

Usability:

- Include validation:
 - Validation over field inputs that:
 - are required
 - have special input values that need common validation – email, phone
- Submission
 - Upon successful submission - there should be a thank you page that will layout out the collected data in the same layout as the form field UI but only showing the data collected, not the fields
 - IE: If there is an inline field collection (first/last name), the thank you render should contain the same inline layout.
 - Submission should not use generic form attributes but submit through a react method.
- Responsive UI - App should be responsive for desktop and mobile views.

Code submission:

Please send a link to a public repo in Github that we can access for review.

More info:

JSON structure: It is an array of field objects that contain information about the fields to render. Each new object in the array is considered one field. However, in a position where another array is found, this would place the fields in columns.

Ex:

```
[  
  { id: 'firstName', placeholder: 'First name', required: true, type: 'text' },  
  { id: 'lastName', placeholder: 'Last name', required: true, type: 'text' }  
,  
  { id: 'Email', required: true, type: 'text' },
```

Would end up rendering as:

First name	Last name
Email	