

# HELLO FROM INFRRD!

Consider the below simple build task as your first assignment from us, we want to see your style of getting things done, in code/design, on how you'd approach a task and build something of use out of a description, as a product start-up this is what we do each day - build ideas into working technology products that amaze.

## 1. KEY REQUIREMENTS

- A. Must be your original work and not copied and ensure that no CSS frameworks to be used.
- B. Code needs to be presented in exactly 24 hours after the start of the assignment. *Partial solutions will be considered based on what has been presented from the evaluation criteria.*

## 2. HOW WE'D EVALUATE AND WHAT WE'ER INTERESTED IN:

- A. Functionality – proof of pudding is does it work?
- B. Details – Can you work out the details and how detailed is it, small things demonstrate passion
- C. Clean Code – is it spaghetti code or beautifully written in elegant style, efficiently (DRY or RY), how many loops, have you got in there?
- D. Re-usability – have you invented the wheel again, we hope you don't

## 3. ALL DONE, WHAT NEXT:

- A. One of our present team members will review the task and take a call to invite you to our office to further get to know you better.

## 4. PROBLEM STATEMENT – COUNTRY INFORMATION

### A. Overview –

*Country Information* - Build a web application for displaying country's information for the searched entry using the API's provided below.

You should be able to perform the following functionalities -

1. Should be able to view list of filtered countries (Name) and select the country for which data needs fetched and displayed
2. Display the flag for the searched country along with other details
3. Be able to search for another country using the same view as point 1, however he should have the option to either overwrite current display or be able to do a comparison between the existing country and the new one being searched.

Country API - <https://restcountries.eu/>

Country Flag API - <https://www.countryflags.io/>

B. **Time limit** – 24 hours

## 5. SUBMIT TASK

- i. Build the solution using either React or Angular 2+
- ii. Upload on GitHub the demo able code without any NPM modules and share it with us over email.
- iii. Also, build your code and upload on ***GitHub Pages*** OR upload the code on ***codesandbox.io*** for us to view the running code.