Sky Italia Developer Test

Thanks for your interest in Sky Italia. We are a world-class team of passionate and ambitious people. Do you have what we are looking for?

Your task is to implement a photo gallery application populated with data got from
https://www.reddit.com/r/{KEYWORD}/top.json
(where {KEYWORD} is a placeholder).

The Photo gallery can be very simple, a grid of thumbs. Initially, just fill the screen with some images. When the user scrolls down, make the required API calls to have infinite scrolling.
When the user clicks on a photo, he should be able to see the photo fullscreen.
If you want, feel free to add some other details you have in the JSON when the user opens a photo. You will get some extra points for that.

Add a search box to the top. When the user types something, display the new content as he types. If no content is available with the user-provided keyword, let him know.

Guidelines

1. Use Github (or what you prefer) to version your public project.
2. Create a single page application with whatever framework you prefer.
3. If you need, use one of the best module bundler tool for the project task.
4. Pay attention to different screen resolution. The UI must be responsive.
5. Breakpoint required are Desktop, Tablet and Mobile (Desktop, iPad, iPhone)
6. Don't use Bootstrap!
7. Use Typescript!

Bonus tasks

1. Use Material Design.

2. Use one or more of the following technologies

   - CSS: CSS preprocessor, Flexbox, CSS Grids
   - JS: Typescript

   Do you know better ones than those listed here? We love challenges!

3. Use a dedicated route to show selcted image and details.

4. Testing. A testable webapp proves how much you care about quality.

   - Unit Test
   - UI Test

5. Animate it! Visual effects are always appealing to final users.

6. Freestyle. We love developers with initiatives. If you have any idea to make the project better, just do it and then let us know. You will get some extra points for that.