

Weather app

1 Objective

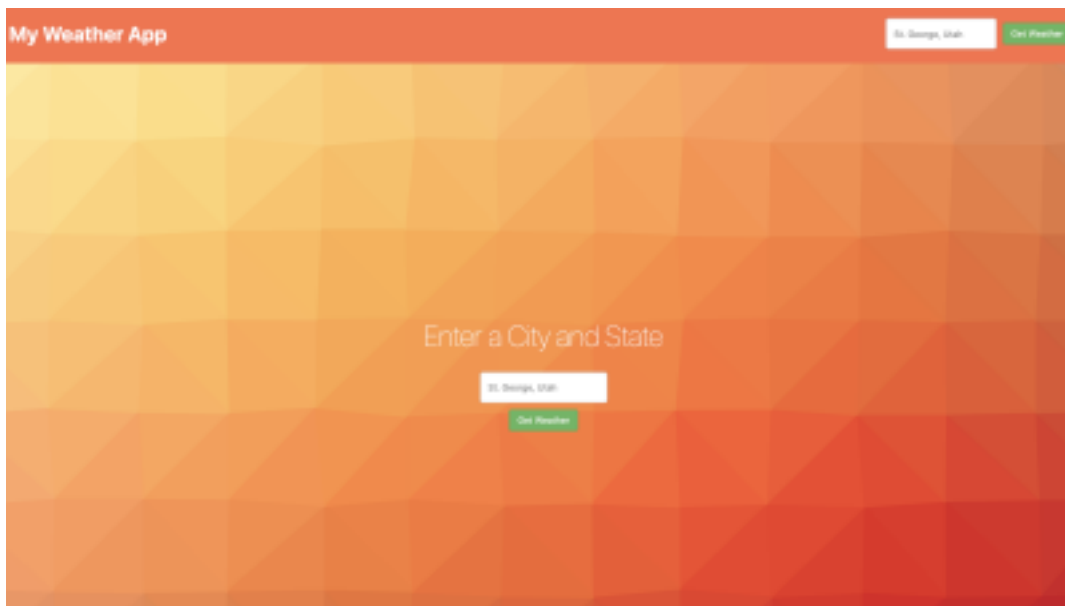
Build a functioning Weather app using the [Open Weather API](#).

The app should provide two basic functionalities:

1. Search for a 5-day weather forecast of a specific city and display the results.
2. Display more details about the weather forecast of one of the days returned on the search when clicking on it

2 Prototype

The main page displays a header and two search fields having a button to perform the search. The user is meant to type the name of a city on the input box and click the button:



After clicking on "Get weather", the next page is displayed with the 5-day forecast:



When clicking on one of the days presented, a detailed forecast for that day is displayed:



3 Resources

This is the endpoint to retrieve a 5-day forecast for a given a city:

<https://api.openweathermap.org/data/2.5/forecast/daily?q=CITY-NAME&type=accurate&APPID=YOUR-API-KEY&cnt=5>

The API is free - you don't need an API key to use it. However you may get rate limited pretty quick so it's probably worth getting a free API key [here](#).

The images to use for the weather forecasts can be found attached to the email you were sent with this task.

4 General Instructions

Please provide the solution in an archive together with instructions on how to build it and run it.

- If you believe that the instructions are not precise and you need to make some assumptions please do so but make them clear to us by including them in the instructions sent as part of your solution.
- If you are uneasy about something and would rather ask a question than make an assumption then you can always get in touch.
- The task is simple on purpose - we're sure that apart from applying for this position you still have other things to do in life, like your current job for example, therefore we don't want to ask you to spend unnecessarily long time on solving complex problems.
- We are on the other hand interested in seeing what you consider best software engineering practices so please ensure that your solution could be considered "production ready" and complete.
- You are free to choose the tools and language for your solution. Our preferred technology for front-end development is TypeScript / React / Redux .. but if you are not familiar with these feel free to use what you are familiar with