STIT FRONTEND PROGRAMMING CHALLENGE

*If you are interested in the Back End Engineer Application find it here
https://docs.google.com/forms/d/e/1FAIpQLSesT4qtGTYrI2thOmmwyEjRuWvd6kGX
DsmOpZ9UR8GfvE8uqQ/viewform

Here's a front end development challenge that resembles the problems we face at STIT. You may take as long as you need, but this should require no more than 2 to 3 hours. You are free to use any frameworks you'd like. React.js is preferred as all of the apps we run at STIT are preferred.

Problem Statement:

We're creating a web app to find Restaurants near you. The app allows people to see the restaurants near them (if user denies to grant location permissions, use the default location as New York - details provided in backend challenge). Your app must interface with an API. You're free to pick an API. Zomato is an example of one you could use. Let's get started. We need you to implement following:

1. List the restaurants near the user.
   o Each item in the list should have the following details.
      i. *Name*
      ii. *Cuisine*
      iii. *Address*
      iv. *Price*
   o We **do not** need filtering or searching of the restaurants, or pagination. (That being said, we want to keep our page load time to a reasonable minimum, so there should be a **reasonable maximum** restaurants listed.)

2. A restaurant details view
   o The restaurant details view should display the following:
   i.   *Name*
   ii. *Rating and number of review*
   iii. *Phone number*
   iv. *Address*
   v.   *Distance from the user* (if user grants location permissions).

3. A search view that allows users to search for restaurants by name
   Each item in the search results list should have the following details.

   i. *Name*
   ii. *Cuisine*
   iii. *Address*
   iv. *Price*

   o We **do not** need filtering or searching of the restaurants, or pagination. (That being said, we want to keep our page load time to a reasonable minimum, so there should be a **reasonable maximum** restaurants listed.)

5. A map view for the restaurants.
   o Use markers of your choice and show all the restaurants on the map.
   o Show the user location (if user grants location permissions).

You may use Google Maps, OpenStreetMap or any Maps provider you wish to embed inside the event details view.

Each view **must work on both mobile and desktop** devices. You may define your desktop breakpoint anywhere (768px is a common one).

The UI can be as **detailed or minimalistic** as you like. Our favorite response will be one that minimizes the time before user interaction/page load and also minimizes the number of resource calls to the server. While we do value aesthetics, please bear in mind that the goal is a working app! If you have time, feel free to prettify it, but don't stress over style.

Since you are allowed to choose an API to use, if you choose an API that does not allow for one of the requirements to be met, please document it so we know and try to replace the requirement with an equivalent feature that is enabled by your API. Remember, this exercise is for you to demonstrate your skills!

Submission: @Stittest
Please send us the URL for the Github/Gitlab repository, with your resume via the application Google Form. If it's a private repository, please add @Stittest to the list of collaborators.

Google Form:

https://docs.google.com/forms/d/e/1FAIpQLSd03U_fwOdCYcVch6luNEvT_Ee2l3FstVohKnvju_BDx08itg/viewform

Please include running instructions if needed within the zip. A GIF of the app running would be great too.
Alternatively, (if you want to impress us more) deploy it via GitHub.io pages and send us that link instead.

Please note that this is only meant to be a short exercise, so if you feel that it might take you too much time, you could also just send us the workflow you've chalked out along with your partially implemented code. The code will still carry greater weight, so please resort to this option only if you have started development but do not have time to complete it.