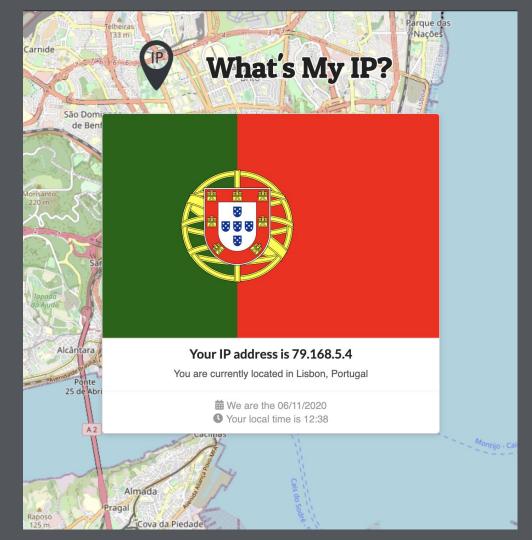
# REACT

What's my IP?



### Goal

- Create a react application that will display the user's IP address, as well as some geographic/time information
- It should be a bit like:
   https://www.whatismyip.com/or
   https://whatismyipaddress.com/
- Deploy the app on Netlify or Vercel or Github pages, and add it to your portfolio



#### Level 1

- Use the ipify API (<a href="https://geo.ipify.org/">https://geo.ipify.org/</a>) to get a user's IP address.
- API documentation is available here: <a href="https://geo.ipify.org/docs">https://geo.ipify.org/docs</a>.
- You'll need to create an account to get an API key
- Display the user's IP address when they arrive on the page
- Store the key in a <u>.env file</u>



## Level 2

- Display a map of the user's current location using LeafLet (<a href="https://react-leaflet.js.org/">https://react-leaflet.js.org/</a>)
- Find a way to get more information about a user's country using any API you can find online (maybe <a href="https://github.com/trevorblades/countries">https://github.com/trevorblades/countries</a> ?) and display the info you find interesting
- Display the flag of the visiting user's country in your app with this API (<a href="https://flagpedia.net/download/api">https://flagpedia.net/download/api</a>)



## Level 3

- Use the Luxon JS library (<a href="https://moment.github.io/luxon/index.html">https://moment.github.io/luxon/index.html</a>) to show information about the user's timezone such as:
  - The local date
  - The local time versus the time in another place
  - 0 ...
- When you have all the functionalities working, make your app look nice and fancy, maybe you can try organizing the info in a bootstrap card?
  - Classic: https://getbootstrap.com/docs/4.4/components/card/
  - React: <a href="https://react-bootstrap.github.io/components/cards/">https://react-bootstrap.github.io/components/cards/</a>
    - Or maybe have fun with another UI Library Kit? Like Semantic UI / Material UI / Ant Design



#### All levels

Whatever level you reach; at the end of the day, you'll want your app to be available online!

So publish your website on:

Netlify (<a href="https://www.netlify.com/">https://www.netlify.com/</a>)

**Vercel** (https://vercel.com/)

or

**Github pages (https://github.com/gitname/react-gh-pages)** 

and add it to your portfolio

