

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 (<https://geo.ipify.org/>) to get a user's IP address.
- API documentation is available here: <https://geo.ipify.org/docs>.
- 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 [.env file](#)

Level 2

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

Level 3

- Use the Luxon JS library (<https://moment.github.io/luxon/index.html>) to show information about the user's timezone such as:
 - The local date
 - The local time versus the time in another place
 - ...
- 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: <https://react-bootstrap.github.io/components/cards/>

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 (<https://www.netlify.com/>)

Vercel (<https://vercel.com/>)

or

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

and add it to your portfolio