



GATSBY AS A REPLACEMENT FOR CREATE-REACT-APP



HI, I'M KHALED

@khaled_garbaya

www.k4d.dev

www.learnjamstack.com





I'M FROM TUNISIA





STAR WARS EPISODE 1 WAS FILMED IN TUNISIA



**TATAOUINE IS AN ACTUAL CITY
IN TUNISIA**



**FROM THE
PICTURE
GUESS HOW
MANY PRS
I MADE TO
GATSBY**





LAST TIME I CHECKED

22



Logged in as
@Khaledgarbaya

Log out

Here you go!

Thanks for going the extra mile to help build Gatsby! 🙌 You have made **22** contributions!

Looks like you've claimed your swag! Thanks again, and keep being awesome.

Level 1 Swag Code

Claimed! 🎉

Level 2 Swag Code

Claimed! 🎉



GATSBY AS A REPLACEMENT FOR CREATE-REACT-APP



ISN'T GATSBY A STATIC SITE GENERATOR?



**IT'S MORE
THAN THAT**



**IT GIVES YOU HTML
TO START WITH**



**THEN, REHYDRATES IT
INTO A FULLY-FLEDGED
REACT APP**



CRA VS GATSBY



**THEY ARE
SIMILAR**



**THEY WORK
WITH REACT**



THEY HELP YOU SET UP AN APPLICATION



**THEY REMOVE MUCH OF
THE CONFIGURATION
HEADACHE.**



HOWEVER...



GATSBY

OFFERS MORE



**STATIC RENDERING
NO SERVERS
NEEDED**



SEO FRIENDLY APP



AUTOMATIC ROUTING



ACCESSIBLE ROUTING



UNIFIED GRAPHQL DATA LAYER



EXCELLENT ECOSYSTEM OF PLUGINS



**A FEW
GOTCHA**



THE `WINDOW` OBJECT



```
const isBrowser = typeof window !== `undefined`
```

```
exports.onCreateWebpackConfig = ({ stage, loaders, actions }) => {  
  if (stage === "build-html") {  
    actions.setWebpackConfig({  
      module: {  
        rules: [  
          {  
            test: /moduleName/,  
            use: loaders.null(),  
          },  
        ],  
      },  
    })  
  }  
}
```



YOU CAN USE GATSBY WITHOUT GRAPHQL



```
exports.createPages = async ({ actions: { createPage } }) => {
  // `getPokemonData` is a function that fetches our data
  const allPokemon = await getPokemonData(["pikachu", "charizard",
  "squirtle"])

  // Create a page that lists all Pokémon.
  createPage({
    path: `/`,
    component: require.resolve("./src/templates/all-pokemon.js"),
    context: { allPokemon },
  })

  // Create a page for each Pokémon.
  allPokemon.forEach(pokemon => {
    createPage({
      path: `/pokemon/${pokemon.name}/`,
      component: require.resolve("./src/templates/pokemon.js"),
      context: { pokemon },
    })
  })
}
```



THANK YOU

k4d.dev/talk/cra-vs-gatsby