

Brian Leip - Portfolio Project - React

Personal Portfolio Website - Proposal

Project Overview

- For this project, I'll be creating a Portfolio Website that shows various projects I've completed, info about me, along with some blog articles.
- I'm going to challenge myself by using React along with Gatsby for a fast and simple Static Site Generator (SSG), that is connected to a headless Wordpress site which will be used for a Content Management System (CMS).
- It will use GraphQL and I plan to deploy the site on Netlify.
- As for design, I'll be using Sketch which has a bit of a learning curve on top of the React and Gatsby, but it will also be a good challenge and build skills I'll use in every web project in the future.

1. How will the project benefit from React

- The site will use Gatsby which is a React-based Static Site Generator. This should make it extremely fast loading and (relatively) easy to update as well as deploy new content into the headless Wordpress CMS.
- Advantages of SSG's
 - Performance
 - Security
 - Scale (traffic)

2. Expected List of React Components

- React DOM
- Gatsby
- Custom React Components (xxx extends React.Component)

3. Team responsibilities

- N/A since this is a solo project

References and Resources

- React - <https://reactjs.org/>
- Gatsby - <https://www.gatsbyjs.com/>
- Headless WordPress - <https://www.gatsbyjs.com/docs/glossary/headless-wordpress/>
- GraphQL - <https://graphql.org/>
- Netlify - <https://www.netlify.com/>
- Udemy course: Gatsby w/ React & Wordpress - <https://www.udemy.com/course/gatsby-js-react-wordpress-graphql/>