React Portfolio Project

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Good Eats Grill Restaurant App

**Benefits of React**

The main differences between Bootstrap and React is the structure of the app. With Bootstrap alone, we’re still using raw HTML to structure our app, making it a lot less dynamic and efficient. With React, we use JSX functional components to render only what is needed at a given time. Furthermore, since we’re using components, we can create small reusable components instead of creating the same pieces of code for multiple pages.

React will allow me to create the components I need for my restaurant app instead of writing the same code multiple times. Also, React will reduce the size of our app files since it only renders what I need.

**The Project MVP**

This project will be a restaurant web app with a menu that provides the source and nutrition information for each menu item’s ingredients. Additionally, on the home page, there will be a carousel that cycles through pictures of the restaurant, the food, the people. If I have time, the app will include a reservation form.

Later, I plan to add a contact form, and a social media integration to show off pictures from the restaurant’s social pages.

**The Expected Components**

For this app I will need the following components:

* HomePage – This will be the home page component which renders a carousel with pictures from the restaurant.
* Menu – This component will render the Menu and its functional components that make it dynamic and interactive.
  + Additionally, I will need a MenuList component that renders the menu items using the Array.map() method.
  + Each menu item will need their own component, MenuItem, which will render each dish as a Card.