Learn how to make a Responsive React Website using **Styled Components**. We will use React Router for navigation. The site is made with reusable components that you can customize and place wherever you want.

We will be able to navigate to different pages using React router. We could use Reach Router as well for navigation.

If you've never used styled-components before, then you can read their official docs [here](https://styled-components.com/). [styled-components: Basics](https://styled-components.com/docs/basics#extending-styles)

[React Icons (react-icons.github.io)](https://react-icons.github.io/react-icons/icons?name=fa)

The basic idea/wireframe is something like that:

Graphical user interface, website

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It has different sections, and all the components/data and routing are run through customized style components and using React router for navigation.

Step by Step Tutorial:

**Creating React App**

**Creating Components & Pages Folder**

**Editing the Navbar**

**Creating GlobalStyles**

**Adding React Router**

1)Create an Empty Folder and open it with VS code.

2)Run Terminal and first check npm install is working: Give npm install

3)Create react app by:

Npx create-react-responsive-app

4)After creating give command cd responsive-app to be an in-app directory

5)npm start for the final check so that everything works.

After that get rid of a bunch of things.

Delete:

~~Index.css~~

~~App.test.css~~

~~App.css~~

In index.css delete the comments below and imports as well.

~~App.logo~~

**Now create the file structure as below:**

**For this website, we need to create custom components such as :**

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**At the start we will focus on creating the Navbar and how by using style components we can create the customised component.**

**Create two files inside the Navbar folder:**

**Navbar.js**

**Navbar.elements.js**

**Also, install extensions:**

**Es7 and styled-components**

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**Inside Navbar.js**

**Shortcut rafce and enter**

**Now we create some nav custom component.**

import {

  Nav,

} from './Navbar.elements';

**Inside of Navbar.element.js, we use style components to style our component as:**

import styled from 'styled-components';

**export const Nav = styled.nav`**

**background: #101522;**

**height: 80px;**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**font-size: 1.2rem;**

**position: sticky;**

**top: 0;**

**z-index: 999;**

**`;**

**Now in App.js put this code:**

**import { Navbar} from './components';**

**and in return write:**

<Navbar />

**Also, create index.js for nested components which helps in exporting all the custom components in one place.**

export { default as Navbar } from './Navbar/Navbar';

**Now add the following in Navbar.container.js**

**export const NavbarContainer = styled(Container)`**

**display: flex;**

**justify-content: space-between;**

**height: 80px;**

**${Container}**

**`;**

**Put the following in Globalstyles.js**

mport styled, { createGlobalStyle } from 'styled-components';

const GlobalStyle = createGlobalStyle`

  \* {

  box-sizing: border-box;

  margin: 0;

  padding: 0;

  font-family: 'Source Sans Pro', sans-serif;

 }

`;

export const Container = styled.div`

  z-index: 1;

  width: 100%;

  max-width: 1300px;

  margin-right: auto;

  margin-left: auto;

  padding-right: 50px;

  padding-left: 50px;

  @media screen and (max-width: 991px) {

    padding-right: 30px;

    padding-left: 30px;

  }

`;