


리액트 클론코딩 2 | 이재이

Max-width

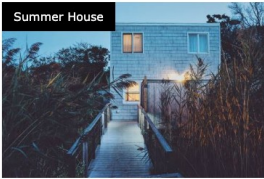
BR Architects

ProjectsAboutContact




Projects

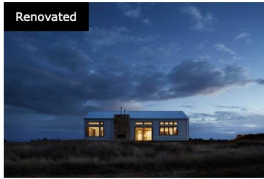
Summer House



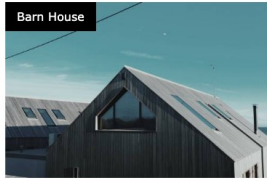
Brick House




Renovated




Barn House



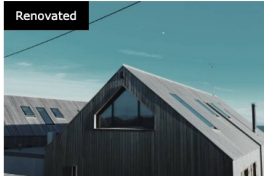
Summer House




Brick House



Renovated




Barn House



About

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John Doe

CEO & Founder

Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.

Contact




Jane Doe

Architect

Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.

Contact




Mike Ross

Architect

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Dan Star

Architect

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Contact

Contact

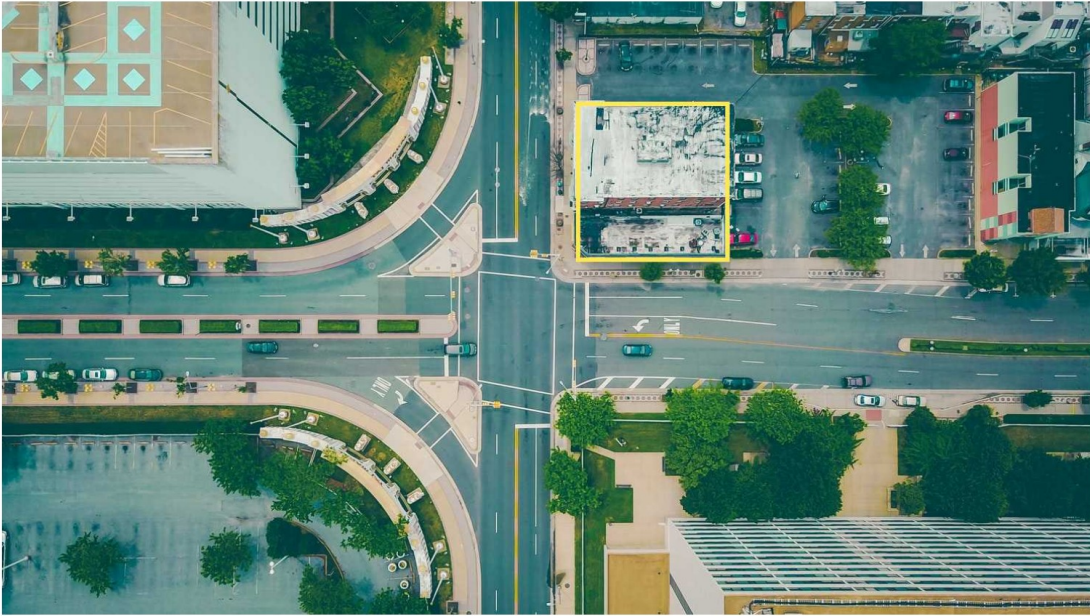
Lets get in touch and talk about your next project.

Name

Name

1 / 21

SEND MESSAGE




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Min-width

BR Architects

ProjectsAboutContact

BR Architects



Projects

Summer House

Brick House



Renovated



Barn House



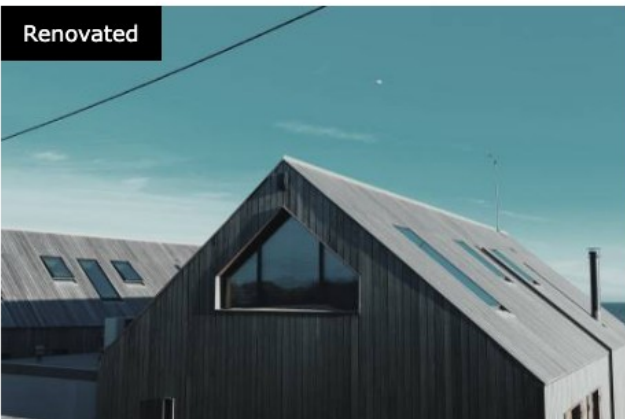
Summer House



Brick House



Renovated



Barn House



About

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Lets get in touch and talk about your next project.

Name

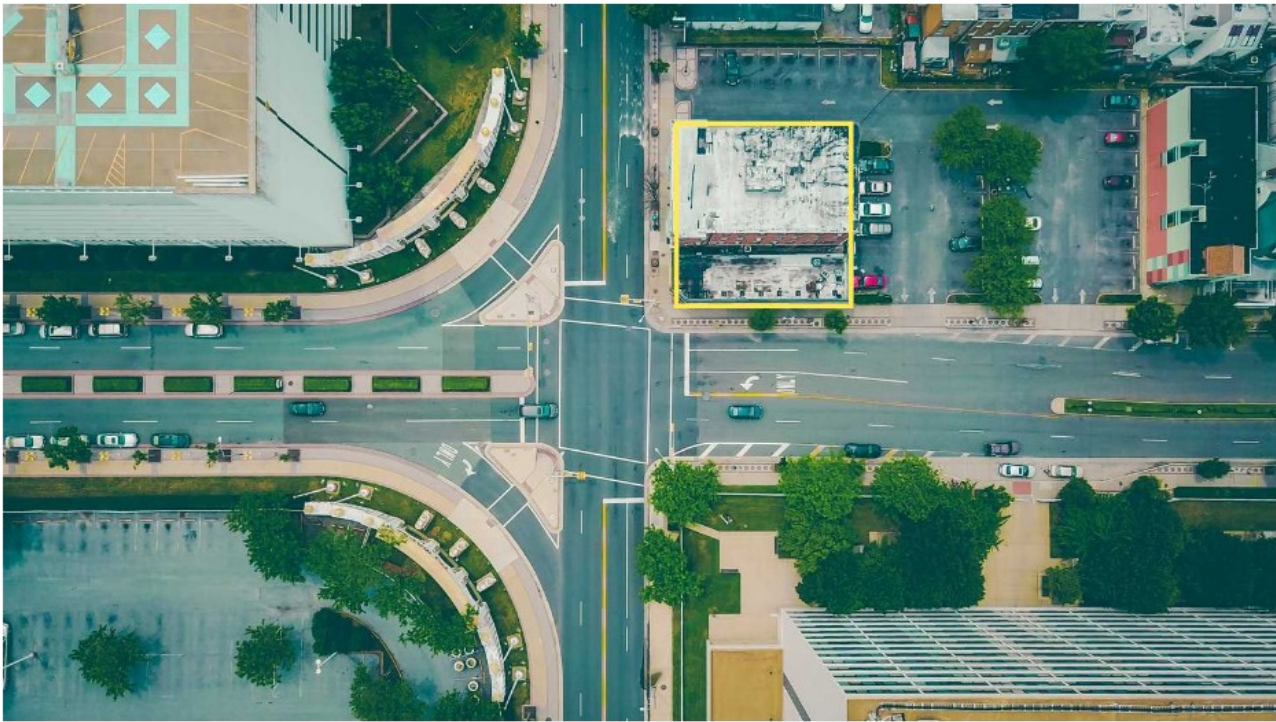
Name

Name

Name

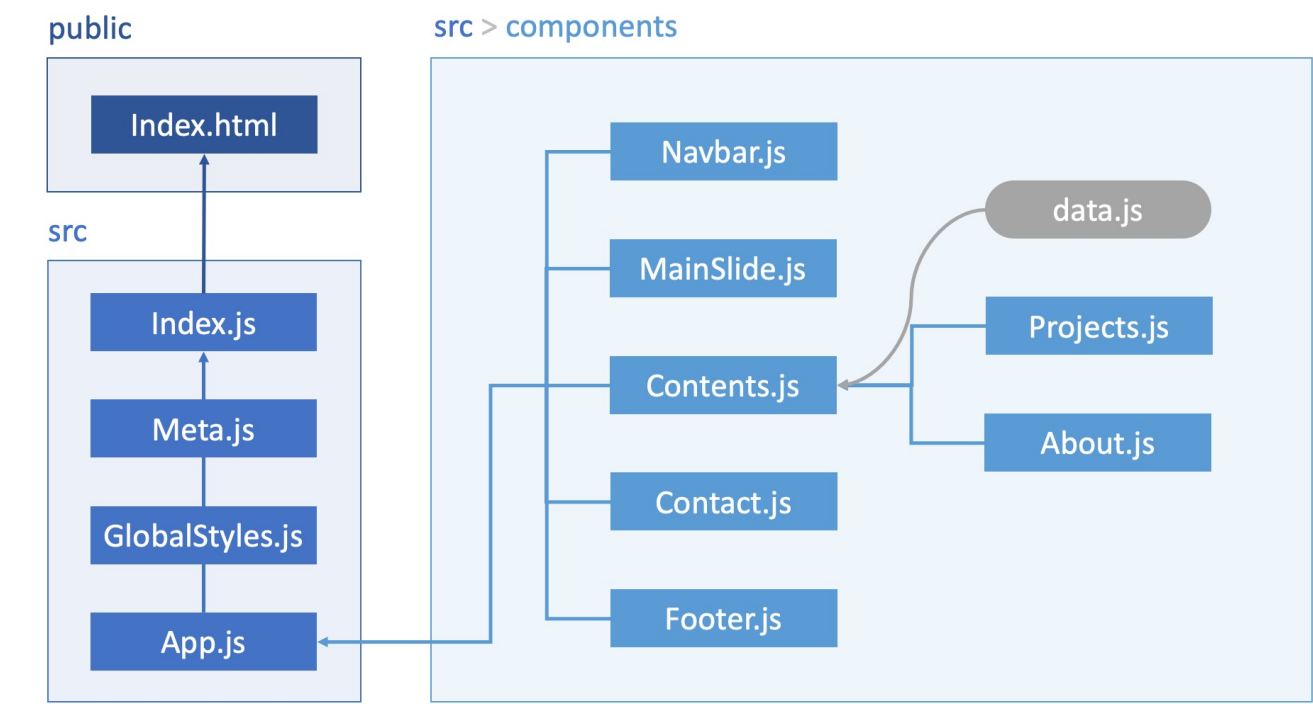
SEND MESSAGE

SEND MESSAGE



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DOM 구조



index.js

```
/**
 * @filename: index.js
 * @description: 프로그램 시작점.
 *               전역 SEO 구성(Meta), 라우팅 범위를 설정(BrowserRouter)하고
 *               프로그램을 시작(App)한다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

import React from "react";
import ReactDOM from "react-dom/client";
import Meta from "./Meta";
import { BrowserRouter } from "react-router-dom";
import App from "./App";
import GlobalStyles from "./GlobalStyles";

const root = ReactDOM.createRoot(document.getElementById("root"));
root.render(
  <React.StrictMode>
    <GlobalStyles />
    <Meta />
    <BrowserRouter>
      <App />
    </BrowserRouter>
  </React.StrictMode>
);
```

App.js

```
/**
 * @filename: App.js
 * @description: 전체 페이지를 구성한다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

import React from "react";

import Navbar from "./components/Navbar";
import MainSlide from "./components/MainSlide";
import Contents from "./components/Contents";
import Contact from "./components/Contact";
import Footer from "./components/Footer";

const App = () => {
  return (
    <div>
      <Navbar />
      <MainSlide />
    </div>
  );
};
```

```

        <Contents />
        <Contact />
        <Footer />
    </div>
  );
};

export default App;

```

Meta.js

```

/**
 * @filename: Meta.js
 * @description: <head>태그 내의 SEO 처리 및 기본 참조 리소스 명시
 *              기본 CSS 적용
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

/** 패키지 참조 */
// 기본 참조 객체
import React from "react";
// SEO 처리 기능 패키지
import { Helmet, HelmetProvider } from "react-helmet-async";

/**
 * SEO 처리 컴포넌트
 * @param props
 * @returns {JSX.Element}
 */
const Meta = (props) => {
  return (
    <HelmetProvider>
      <Helmet>
        <meta charSet="utf-8" />
        {/* SEO 태그 */}
        <title>{props.title}</title>
        <meta name="description" content={props.description} />
        <meta name="keywords" content={props.keywords} />
        <meta name="author" content={props.author} />
        <meta property="og:type" content="website" />
        <meta property="og:title" content={props.title} />
        <meta property="og:description" content=
{props.description} />
        <meta property="og:url" content={props.url} />
        {/* <meta property='og:image' content={props.image} /> */}

        {/* 웹폰트 적용을 위한 외부 리소스 참조 */}
        <link rel="preconnect" href="https://fonts.googleapis.com"

        <link

```

```

        rel="preconnect"
        href="https://fonts.gstatic.com"
        crossorigin
    />
</link href="https://fonts.googleapis.com/css?family=Karma"

/* Helmet 안에서 CSS 적용하기 */
<style type="text/css">{`
    html,
    body {
        font-family: Verdana, sans-serif;
        font-size: 16px;
        line-height: 1.5;
        margin: 0;
    }

    h1, h2, h3, h4, h5, h6 {
        font-family: "Segoe UI",Arial,sans-serif;
        font-weight: 400;
        margin: 10px 0;
    }

    h3 {
        font-size: 24px;
    }

    p {
        display: block;
        margin-block-start: 1em;
        margin-block-end: 1em;
        margin-inline-start: 0px;
        margin-inline-end: 0px;
    }

    hr {
        width: 1500px;
        border-color: #ffffff;
    }

    ul, li {
        list-style: none;
    }

    html {
        box-sizing: border-box
    }

    *,
    *:before,
    *:after {
        box-sizing: inherit;
    }

```



```

        p {
            display: block;
            margin-block-start: 1em;
            margin-block-end: 1em;
            margin-inline-start: 0px;
            margin-inline-end: 0px;
        }
    `}</style>
</Helmet>
</HelmetProvider>
);
};

/**
 * props에 대한 기본값 설정
 * @type {{keywords: string, author: string, description: string, title:
string, url: string}}
 */
Meta.defaultProps = {
    title: "React Layout Demo",
    description: "React.js로 구현한 레이아웃 데모 페이지 입니다.",
    keywords: "React,layout,demo",
    author: "Jaei",
    // image: '기본이미지변수적용',
    url: window.location.href,
};

export default Meta;

```

GlobalStyles.js

```

/**
 * @filename: GlobalStyles.js
 * @description: 전역으로 적용될 기본 스타일시트.
 *              이 파일에서 정의한 class는 ReactJSX에서 className속성으로 참조해야 한
다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

/** 패키지 참조 */
import { createGlobalStyle } from "styled-components";

/**
 * 전역 스타일 시트를 정의한 객체
 * @type {GlobalStyleComponent<{}, DefaultTheme>}
 */
const GlobalStyles = createGlobalStyle`
    * {
        font-family: Verdana, sans-serif;
    }

```

```
    body {  
      margin: 0;  
      padding: 0;  
    }  
  `;  
  
  export default GlobalStyles;
```

Navbar.js

```
/**  
 * @filename: Navbar.js  
 * @description: 상단 메뉴바를 구성한다.  
 * @author: Lee Jaei (loveleej87@gmail.com)  
 */  
  
import React from "react";  
import styled from "styled-components";  
  
const Top = styled.div`  
  position: fixed;  
  width: 100%;  
  z-index: 1;  
  top: 0;  
  
  .menu {  
    width: 100%;  
    overflow: hidden;  
    color: #000;  
    background-color: #fff;  
    letter-spacing: 4px;  
    padding: 8px 16px;  
    box-shadow: 0 2px 5px 0 rgb(0 0 0 / 16%), 0 2px 10px 0 rgb(0 0 0 /  
12%);  
  }  
  
  .button {  
    width: auto;  
    border: none;  
    display: inline-block;  
    padding: 8px 16px;  
    vertical-align: middle;  
    overflow: hidden;  
    text-decoration: none;  
    color: inherit;  
    background-color: inherit;  
    text-align: center;  
    cursor: pointer;  
    white-space: nowrap;
```

```
    }

    .button:hover {
      background-color: #909090;
    }

    .nav-right {
      float: right;
      padding: 0 16px;
    }

    .text-left {
      float: left;
      padding-left: 16px;
      padding-right: 16px;
    }

    .text-right {
      float: right;
    }
  `;

const Navbar = () => {
  return (
    <Top>
      <div class="menu">
        <a href="#home" class="button">
          <b>BR</b> Architects
        </a>
        <div class="nav-right">
          <a href="#projects" class="button">
            Projects
          </a>
          <a href="#about" class="button">
            About
          </a>
          <a href="#contact" class="button">
            Contact
          </a>
        </div>
      </div>
    </Top>
  );
};

export default Navbar;
```

MainSlide.js

```
/**
 * @filename: MainSlide.js
 * @description: 대문 화면을 구성한다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

import React from "react";
import styled from "styled-components";
import Architect from "../assets/img/architect.jpg";

const Container = styled.div`
  position: relative;
  margin-left: auto;
  margin-right: auto;
  max-width: 1500px;

  img {
    vertical-align: middle;
    border-style: none;
    max-width: 100%;
    height: auto;
  }

  .fontArea {
    position: absolute;
    top: 50%;
    left: 50%;
    margin-top: 16px;
    transform: translate(-50%, -50%);
    text-align: center;
    vertical-align: middle;
  }

  .title {
    color: #fff;
    font-size: 36px;
    letter-spacing: 4px;
  }

  .title1 {
    opacity: 0.75;
    padding: 8px 16px;
    text-align: center;
    background-color: #000;
    padding: 8px 16px;
  }

  .title2 {
    opacity: 0.75;
    padding: 8px 16px;
  }
`;
```

```
const MainSlide = () => {
  return (
    <Container id="home">
      <img src={Architect} alt="Architecture" />
      <div className="fontArea">
        <h1 className="title">
          <span className="title1">
            <b>BR</b>
          </span>
          <span className="title2">Architects</span>
        </h1>
      </div>
    </Container>
  );
};

export default MainSlide;
```

Contents.js

```
/**
 * @filename: Contents.js
 * @description: data.js에서 데이터를 바로 가져와 Projects.js 및 About.js를 구성한
다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

import React from 'react';
import styled from "styled-components";

import data from '../data';
import Projects from './Projects';
import About from './About';

const ContentsContainer = styled.div`
  padding: 8px 16px;
  max-width: 1564px;
  margin-left: auto;
  margin-right: auto;

  h3 {
    color: #000;
    padding-top: 16px;
    padding-bottom: 16px;
    border-bottom: 1px solid #eee;
  }
`;

const Contents = () => {
```

```

    return (
      <ContentsContainer>
        <Projects data={data.project} />
        <About data={data.about} />
      </ContentsContainer>
    );
  };

export default Contents;

```

Projects.js

```

/**
 * @filename: Projects.js
 * @description: Projects 섹션을 구성하고, max-width와 min-width에 따라 콘텐츠의 크
기가 변경된다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

import React from "react";
import styled from "styled-components";

const ProjectsContainer = styled.div`
  div#project {
    padding: 0.01em 16px;
    padding-top: 32px;
    padding-bottom: 32px;
  }

  ul {
    display: flex;
    justify-content: space-evenly;
    flex-wrap: wrap;
    margin: 0;
    padding: 8px;

    li {
      @media (min-width: 601px) {
        width: 49.99999%;
      }

      @media (min-width: 993px) {
        width: 24.99999%;
      }
    }
  }

  div {
    position: relative;
    padding-bottom: 10px;
    padding: 0 8px;
  }

```



```

        margin-bottom: 8px;

        p {
            position: absolute;
            color: #fff;
            background-color: #000;
            width: fit-content;
            padding: 8px 16px;
            margin: 0;
        }

        img {
            width: 100%;
        }
    }
}
`;

const Projects = (props) => {
    return (
        <ProjectsContainer>
            <div id="project">
                <h3>Projects</h3>
            </div>
            <ul>
                {props.data.map((v, i) => {
                    return (
                        <li>
                            <div>
                                <p>{v.subject}</p>
                                <img src={v.img} alt={v.subject} />
                            </div>
                        </li>
                    );
                })}
            </ul>
        </ProjectsContainer>
    );
};

export default Projects;

```

About.js

```

/**
 * @filename: About.js
 * @description: About 섹션을 구성하고, max-width와 min-width에 따라 콘텐츠의 크기가
변경된다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

```

```
import React from "react";
import styled from "styled-components";
import { Link } from "react-router-dom";

const AboutContainer = styled.div`
  div#about {
    padding: 0.01em 16px;
    padding-top: 32px;
  }

  .opacity {
    opacity: 0.75;
  }

  p {
    color: #000;
    width: fit-content;
    padding: 8px 16px;
    margin: 0;
  }

  ul {
    display: flex;
    justify-content: space-evenly;
    flex-wrap: wrap;
    margin: 0;
    padding: 8px;

    li {
      @media (min-width: 601px) {
        width: 49.99999%;
      }

      @media (min-width: 993px) {
        width: 24.99999%;
      }

      padding: 0 8px;
      padding-bottom: 16px;
      margin-bottom: 8px;
    }

    img {
      width: 100%;
      filter: grayscale(70%);
    }

    h2 {
      padding-bottom: 8px;
    }

    p {
      padding: 0;
      padding-bottom: 16px;
    }
  }
`
```

```

    }
  }

  .button {
    border: none;
    width: 100%;
    padding: 8px 16px;
    overflow: hidden;
    text-decoration: none;
    text-align: center;
    cursor: pointer;
    color: #000;
    background-color: #f1f1f1;
    font: inherit;
    user-select: none;
    -webkit-appearance: button;

    &:hover {
      background-color: #999999;
    }
  }
}
`;

const About = (props) => {
  return (
    <AboutContainer>
      <div id="about">
        <h3>About</h3>
      </div>
      <p>{props.data.content}</p>
      <ul>
        {props.data.member.map((v, i) => {
          return (
            <li>
              <img src={v.img} alt={v.name} />
              <h2>{v.name}</h2>
              <p className="opacity">{v.position}</p>
              <p>{v.desc}</p>
              <Link to="#" className="button">
                Contact
              </Link>
            </li>
          );
        })}
      </ul>
    </AboutContainer>
  );
};

export default About;

```

Contact.js


```
/**
 * @filename: Contact.js
 * @description: Contact 섹션을 구성한다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

import React from "react";
import styled from "styled-components";
import MapImg from "../assets/img/map.jpg";

const ContactContainer = styled.div`
  padding: 8px 16px;
  max-width: 1564px;
  margin-left: auto;
  margin-right: auto;

  .map {
    padding: 0.01em 16px;
    margin-left: auto;
    margin-right: auto;

    img {
      width: 100%;
    }
  }

  div#contact {
    padding: 0.01em 16px;
    padding-top: 32px;
    padding-bottom: 32px;

    h3 {
      color: #000;
      padding-top: 16px;
      padding-bottom: 16px;
      border-bottom: 1px solid #eee;
    }

    input {
      padding: 8px;
      display: block;
      width: 100%;
      overflow: visible;
      font: inherit;
      border: 1px solid #ccc;
    }

    input:nth-child(n + 1):nth-child(-n + 3) {
      margin-top: 16px;
      margin-bottom: 16px;
    }
  }

```

```

        .sendbutton {
            border: none;
            padding: 8px 16px;
            overflow: hidden;
            text-decoration: none;
            text-align: center;
            cursor: pointer;
            white-space: nowrap;
            text-transform: none;
            font: inherit;
            user-select: none;
            margin-top: 16px !important;
            margin-bottom: 16px !important;
            color: #fff;
            background-color: #000;
        }
    }
}

;

const Contact = () => {
    return (
        <ContactContainer>
            <div id="contact">
                <h3>Contact</h3>
                <p>Lets get in touch and talk about your next project.</p>
                <form action="/action_page.php" target="_blank">
                    <input
                        type="text"
                        placeholder="Name"
                        required
                        name="Name"
                    />
                    <input
                        type="text"
                        placeholder="Name"
                        required
                        name="Name"
                    />
                    <input
                        type="text"
                        placeholder="Name"
                        required
                        name="Name"
                    />
                    <input
                        type="text"
                        placeholder="Name"
                        required
                        name="Name"
                    />
                    <button className="sendbutton" type="submit">
                        <i>SEND MESSAGE</i>
                    </button>
                </form>
            </div>
        </ContactContainer>
    )
}

```

```

        </form>
      </div>
      <div className="map">
        <img src={MapImg} alt="MapImage" />
      </div>
    </ContactContainer>
  );
};

export default Contact;

```

Footer.js

```

/**
 * @filename: Footer.js
 * @description: Footer 섹션을 구성한다.
 * @author: Lee Jaei (loveleej87@gmail.com)
 */

import React from "react";
import { Link } from 'react-router-dom';
import styled from "styled-components";

const Bottom = styled.div`
  color: #fff;
  background-color: #000;
  width: 100%;
  padding-top: 32px;
  padding-bottom: 32px;
  text-align: center;

  .hovertext,
  .hovertext:visited {
    color: #fff;
  }

  .hovertext:hover {
    color: green;
  }
`;

const Footer = () => {
  return (
    <Bottom>
      <p>
        Powered by 
        <Link to='https://www.w3schools.com/w3css/default.asp'
          title='W3.CSS' target='_blank' class='hovertext'>w3.css
        </Link>
      </p>
    </Bottom>
  );
};

```



```
        </p>
      </Bottom>
    );
};

export default Footer;
```