📂 Project Structure:

aws-s3-static-website/

│

├── index.html

├── style.css

└── README.md

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### index.html

```html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>My Static Website on AWS S3</title>

<link rel="stylesheet" href="style.css" />

</head>

<body>

<header>

<h1>🚀 Welcome to My Static Website</h1>

<p>Hosted on AWS S3 + CloudFront</p>

</header>

<main>

<section>

<h2>About this Project</h2>

<p>

This is a demo static website deployed on <b>Amazon S3</b> and served globally

using <b>CloudFront CDN</b>. It demonstrates how easy it is to host

serverless websites on AWS.

</p>

</section>

<section>

<h2>Features</h2>

<ul>

<li>✅ Static Website hosted on Amazon S3</li>

<li>✅ Global Content Delivery via CloudFront</li>

<li>✅ Secure access with IAM & Bucket Policy</li>

<li>✅ Optional Custom Domain with Route 53</li>

</ul>

</section>

</main>

<footer>

<p>Created by <b>Your Name</b> | GitHub Portfolio Project</p>

</footer>

</body>

</html>

```

---

### style.css

```css

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background: #f4f4f9;

color: #333;

line-height: 1.6;

}

header {

background: #0073e6;

color: #fff;

padding: 20px 0;

text-align: center;

}

main {

padding: 20px;

}

h1, h2 {

margin-bottom: 10px;

}

ul li {

margin: 5px 0;

}

footer {

text-align: center;

background: #222;

color: #fff;

padding: 10px;

position: fixed;

bottom: 0;

width: 100%;

}

```

---

### README.md

```markdown

# 🚀 Static Website on AWS S3 + CloudFront

This is a \*\*demo project\*\* showing how to host a static website using \*\*Amazon S3\*\* and serve it globally with \*\*CloudFront\*\*.

## 📌 Steps to Deploy

1. \*\*Create an S3 Bucket\*\*

- Go to AWS S3 → Create bucket → Enable `Static website hosting`.

- Upload `index.html` and `style.css` files.

- Set bucket policy to make objects public.

2. \*\*Test Website\*\*

- Copy the \*\*S3 Website Endpoint URL\*\* and open in browser.

3. \*\*(Optional) Add CloudFront CDN\*\*

- Create a CloudFront distribution.

- Origin → Your S3 bucket.

- Distribution URL will serve your website globally.

4. \*\*(Optional) Custom Domain\*\*

- Buy a domain or use Route 53.

- Map domain to CloudFront distribution.

## ✅ Features

- Static website hosted on \*\*Amazon S3\*\*

- \*\*CloudFront CDN\*\* for faster global access

- Secure access with IAM & Bucket Policy

- Optional custom domain with Route 53

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