

## site/index.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>AWS Static Site – Home</title>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <header>
      <h1>■ AWS S3 + CloudFront Static Website</h1>
      <nav>
        <a href="index.html">Home</a>
        <a href="about.html">About</a>
        <a href="https://aws.amazon.com/s3/" target="_blank" rel="noopener">Learn S3</a>
      </nav>
    </header>
    <main>
      <section class="hero">
        <h2>Deployed on Amazon S3, Accelerated by CloudFront</h2>
        <p>This is a starter project perfect for resumes and learning IaC.</p>
        <button onclick="alert('Deployed! ■')">Test Button</button>
      </section>
      <section class="grid">
        <article>
          <h3>Why CloudFront?</h3>
          <p>Global CDN, edge caching, HTTPS, and better latency for static sites.</p>
        </article>
        <article>
          <h3>Why S3?</h3>
          <p>Durable, cheap, and easy object storage with near-infinite scale.</p>
        </article>
        <article>
          <h3>IaC with Terraform</h3>
          <p>Describe your infra in code and deploy reproducibly across accounts.</p>
        </article>
      </section>
    </main>
    <footer>
      <p>© 2025 Static Site Demo • Built with ❤️■ for learning</p>
    </footer>
  </body>
</html>
```

## site/about.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>About – AWS Static Site</title>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <header>
      <h1>About This Project</h1>
      <nav>
        <a href="index.html">Home</a>
        <a href="about.html">About</a>
      </nav>
    </header>
    <main>
      <section>
        <p>This project demonstrates how to host a static website on AWS using S3 and CloudFront.</p>
        <ul>
          <li>Modern best practice: private S3 + CloudFront with OAC</li>
          <li>Simple quick start: public S3 website hosting (learning only)</li>
          <li>Ready for GitHub, interviews, and demos</li>
        </ul>
      </section>
    </main>
    <footer>
```

```

        <p>© 2025 Static Site Demo</p>
    </footer>
</body>
</html>

```

## site/styles.css

```

* { box-sizing: border-box; }
body {
    margin: 0;
    font-family: system-ui, -apple-system, Segoe UI, Roboto, Ubuntu, Cantarell, Noto Sans, sans-serif;
    line-height: 1.5;
    color: #0f172a;
    background: #f8fafc;
}
header {
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 16px 24px;
    background: #0ea5e9;
    color: #fff;
}
header h1 { margin: 0; font-size: 20px; }
nav a {
    color: #fff;
    text-decoration: none;
    margin-left: 12px;
    opacity: .95;
}
nav a:hover { opacity: 1; text-decoration: underline; }
.hero {
    margin: 24px;
    padding: 24px;
    border-radius: 16px;
    background: #e0f2fe;
}
.hero h2 { margin-top: 0; }
.grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(220px, 1fr));
    gap: 16px;
    margin: 24px;
}
.grid article {
    background: #fff;
    border-radius: 16px;
    padding: 16px;
    box-shadow: 0 1px 6px rgba(0,0,0,.06);
}
footer {
    padding: 24px;
    text-align: center;
    color: #475569;
}

```

## site/404.html

```

<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Not Found</title>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <main class="hero">
      <h2>404 – Page Not Found</h2>
      <p>Oops! The page you're looking for doesn't exist. Head <a href="index.html">home</a>.</p>
    </main>
  </body>
</html>

```

## ***scripts/deploy\_s3\_quick.sh***

```
#!/usr/bin/env bash
set -euo pipefail

# Quick deploy (Path A) - public S3 website
AWS_REGION=${AWS_REGION:-ap-south-1}
BUCKET_NAME=${BUCKET_NAME:-my-demo-bucket-$(RANDOM)}

echo "Region: $AWS_REGION"
echo "Bucket: $BUCKET_NAME"

aws s3api create-bucket --bucket "$BUCKET_NAME" --region "$AWS_REGION" --create-bucket-configuration

aws s3 website s3://"${BUCKET_NAME}" --index-document index.html --error-document 404.html

# Apply public read policy
tmp_policy=$(mktemp)
sed "s/REPLACE_BUCKET_NAME/${BUCKET_NAME}/g" infra/s3_public_policy.json > "$tmp_policy"
aws s3api put-bucket-policy --bucket "$BUCKET_NAME" --policy file://"${tmp_policy}"

aws s3 sync site/ s3://"${BUCKET_NAME}"

echo "Deployed! Visit: http://${BUCKET_NAME}.s3-website.${AWS_REGION}.amazonaws.com"
```