

DevOps Project 6 Report - Static Website with GitHub Pages

Introduction:

Project 6 focuses on deploying a static website using GitHub Pages. Unlike AWS S3 and Cloudflare, GitHub Pages allows free hosting without any payment setup.

Abstract:

A custom HTML site was created and hosted using GitHub Pages. This simplifies DevOps practices by integrating hosting directly with version control.

Tools Used:

- GitHub
- GitHub Pages
- HTML/CSS

Steps Involved:

1. Designed a static web page with HTML and CSS.
2. Created a GitHub repository and pushed the index.html file.
3. Enabled GitHub Pages by setting the source to the `main` branch and root folder.
4. GitHub built the site and provided a live hosted link:

<https://polankisravva.github.io/s3-static-site/>

Conclusion:

The project successfully demonstrates an easy and free way to host static websites using GitHub Pages. This method is ideal for developers looking to deploy simple web apps or portfolios without the need for cloud service accounts.