

PORTFOLIO

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Hosting a Website with GitHub Pages

This tutorial walks you through **publishing a static website** (HTML/CSS/JS) using **GitHub Pages**, a free hosting service provided by GitHub.

Prerequisites

Before you begin, make sure you have:

- ✓ a GitHub account;
- ✓ a basic website project with index.html and optional CSS/JS files.



Step 1: Create a GitHub Repository

- 1. Go to github.com and log in.
- 2. Click the "New repository" button.
- 3. Give your repository a name (e.g. my-portfolio).
- 4. Select **Public** repository (required for GitHub Pages to work).
- 5. Click Create repository.



Step 2: Upload Your Website Files

Option A: Using Git (Command Line)

If your project is already on your computer:

```
cd path/to/your/project
git init
git remote add origin https://github.com/YOUR_USERNAME/YOUR_REPO_NAME.git
git add .
git commit -m "Initial commit"
git push -u origin main
```



Replace YOUR_USERNAME and YOUR_REPO_NAME with your actual GitHub username and repository name.

Option B: Using GitHub Web Interface

- 1. Go to your repository on GitHub
- 2. Click "Add file" > "Upload file"
- 3. Drag and drop your files (e.g., index.html, style.css, etc.).
- 4. Click "Commit changes"



Step 3: Enable GitHub Pages

- 1. Open your repository on GitHub
- 2. Click the "Settings" tab.
- 3. In the left sidebar, go to "Pages"
- 4. Under "Build and deployment", choose:
 - ✓ Source: Deploy from a branch
 - ✓ Branch: main
 - ✓ Folder: / (root) (or /docs if your site files are in a folder named docs)
- 5. Click Save.



If you don't see "Pages" in the menu, scroll down or try refreshing the pages.



Step 4: Visit Your Website

After a few seconds to a few minutes, your site will be live at the url that looks like this https://YOUR_USERNAME.gith You can also find this URL displayed in the GitHub Pages settings section.



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