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EXPERIMENT No. 10

GitHub Pages Documentation

Introduction

GitHub Pages is a free web hosting service provided by GitHub that allows you to host static websites directly from a GitHub repository. It's perfect for portfolios, documentation, project pages, or any static content.

This guide will walk you through the process of setting up and publishing your website using GitHub Pages.

Prerequisites

- A GitHub account
 - A repository containing your static website (HTML, CSS, JS)
 - Basic knowledge of Git and GitHub
-

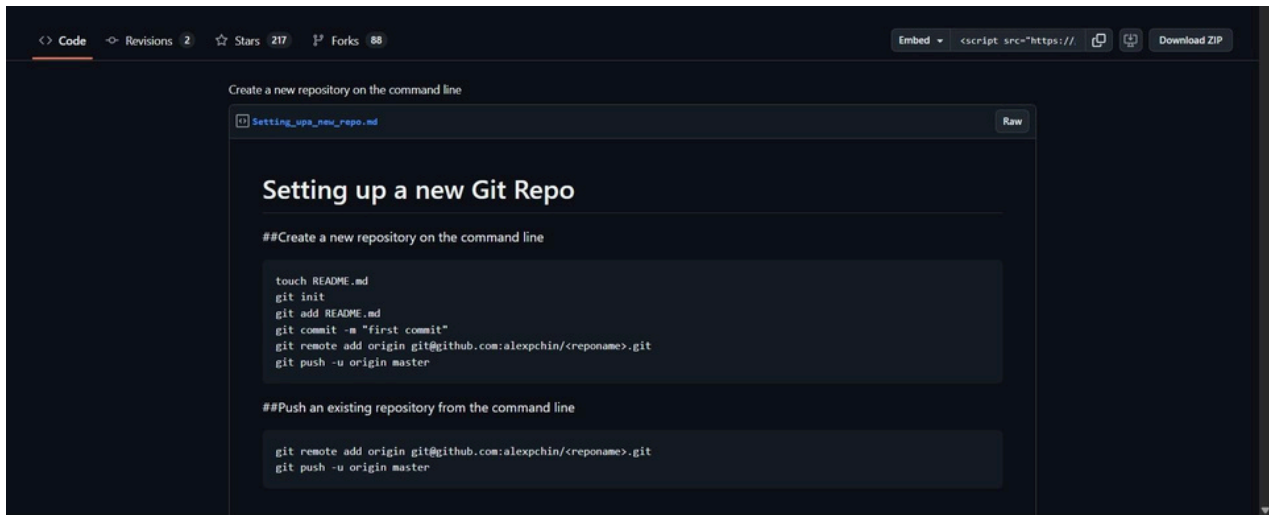
Steps to Deploy Your Website with GitHub Pages

Step 1: Create or Use an Existing Repository

If you don't have a repository yet, create one:

1. Go to github.com

2. Click on **New repository**
3. Name your repository (e.g., my-portfolio)
4. Initialize it with a README (optional)



Step 2: Upload Your Website Files

Make sure your repository contains the files you want to publish, such as index.html.

You can either:

- Drag and drop files on the web interface
- Use Git commands (git add, git commit, git push) from your local machine

images	first commit	4 hours ago	Activity
README.md	first commit	4 hours ago	0 stars
app.js	first commit	4 hours ago	1 watching
index.html	first commit	4 hours ago	0 forks
manifest.json	first commit	4 hours ago	
service-worker.js	first commit	4 hours ago	
styles.css	first commit	4 hours ago	
			Releases
			No releases published Create a new release
			Packages

Step 3: Enable GitHub Pages

1. Go to your repository
2. Click on the **Settings** tab
3. Scroll down to **Pages** in the left menu
4. Under **Source**, select the branch (usually `main`) and folder (e.g., `/root` or `/docs`)
5. Click **Save**

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Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at https://sujal2114.github.io/github_pages/

Last deployed by Sujal2114 4 hours ago

Visit site

Build and deployment

Source

Deploy from a branch

Branch

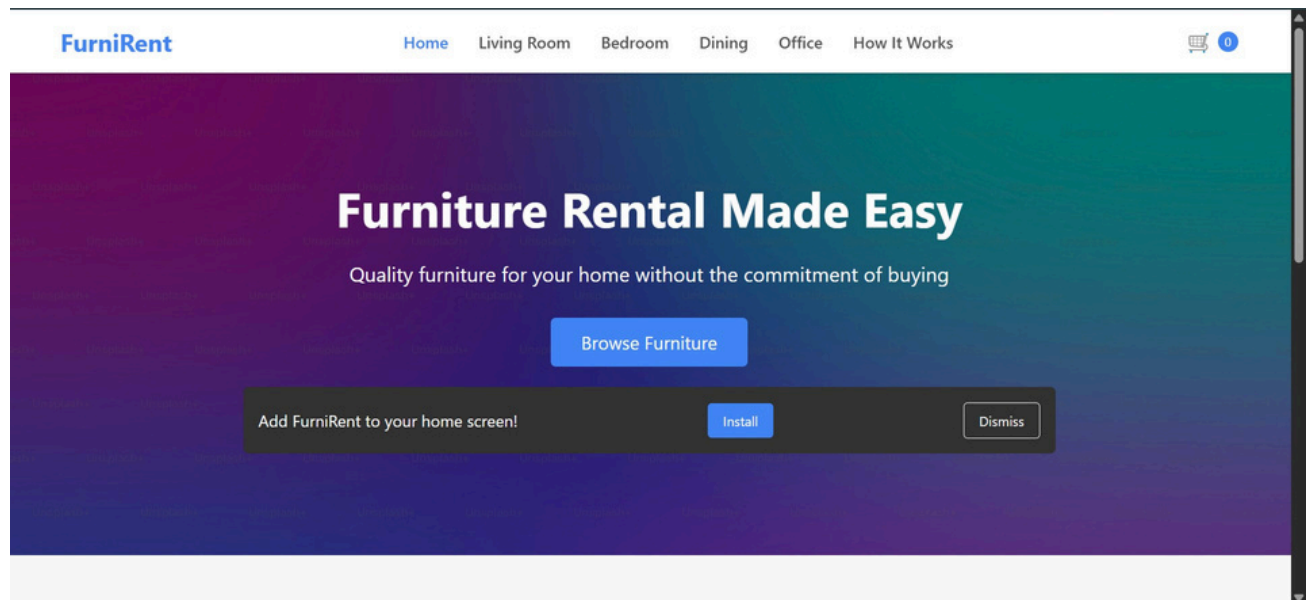
Your GitHub Pages site is currently being built from the main branch. [Learn more about configuring the publishing source for your site.](#)

main

/ (root)

Save

Learn how to [add a Jekyll theme](#) to your site.



Tips

- Your homepage must be named index.html
- You can use a custom domain by configuring the **Custom domain** section under GitHub Pages settings
- Use relative paths for assets to avoid 404 errors

Conclusion

GitHub Pages provides an easy, fast, and free way to publish static websites directly from your GitHub repo. Whether you're showcasing a project or building a personal site, it's a powerful tool in your web development journey.