



St. JOSEPH'S
GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



Placement Empowerment Program

Cloud Computing and DevOps Centre

Deploy Your Static Website Using GitHub Pages

Host your local Git repository's static website directly using GitHub Pages

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Deploying Static Website Using GitHub Pages

Step 1: Create a New Repository on GitHub

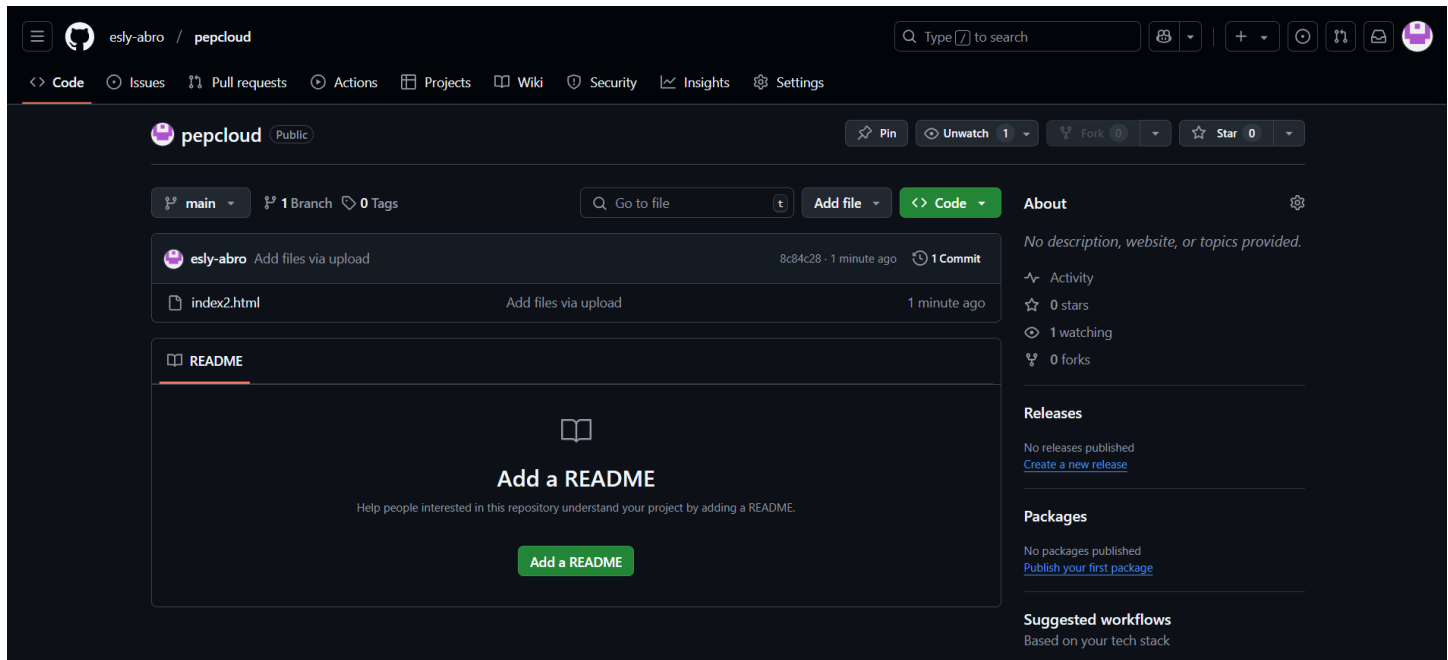
- Go to [GitHub](https://github.com).
- Click on the + icon at the top-right corner and select **New repository**.
- Give your repository a name (e.g., my-website), make it **public**, and click **Create repository**.

Step 2: Initialize a Git Repository Locally

- Open your project folder where your static website files are stored.
- Initialize the folder as a Git repository (this will track changes in your project).

Step 3: Add Your Website Files to the Repository

- Add your static website files (HTML, CSS, JavaScript, etc.) to the Git repository you just initialized.



Step 4: Commit the Changes Locally

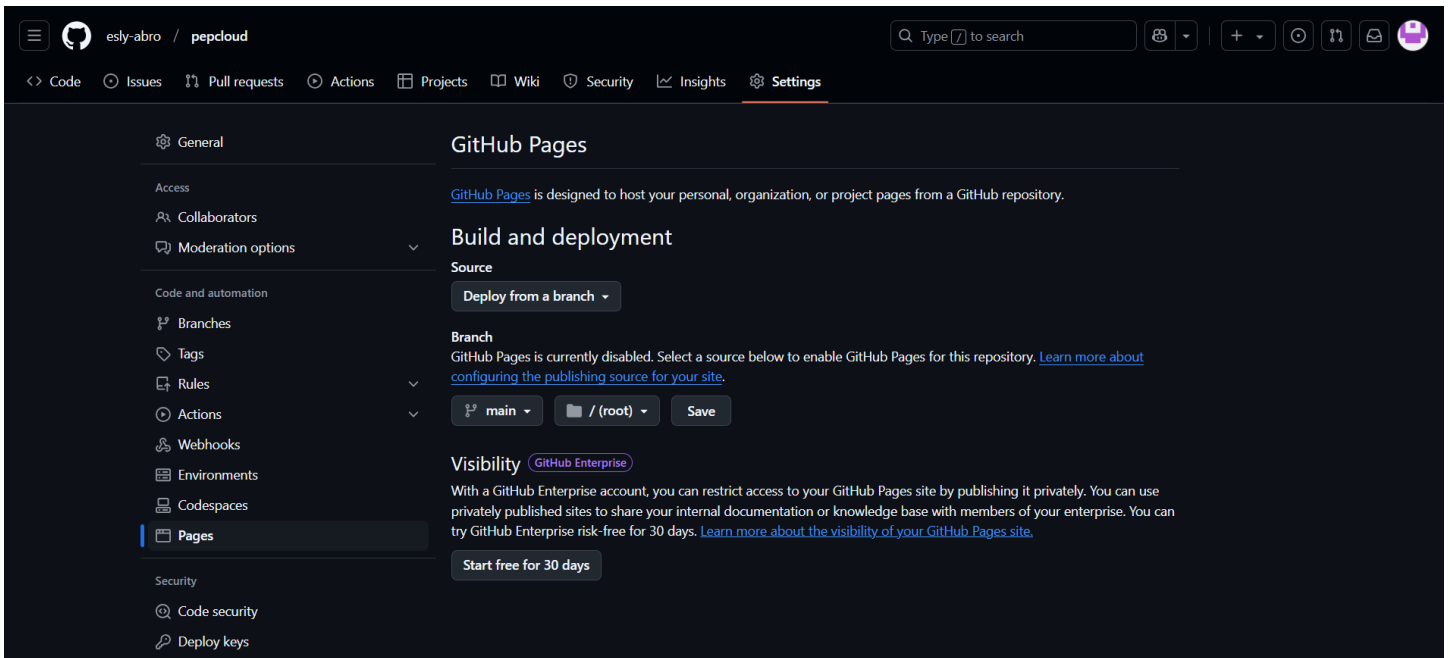
- Save the current state of your files by committing the changes in your local Git repository.

Step 5: Push Files to GitHub

- Link your local repository to the GitHub repository you created in Step 1.
- Push your local website files to the remote repository on GitHub.

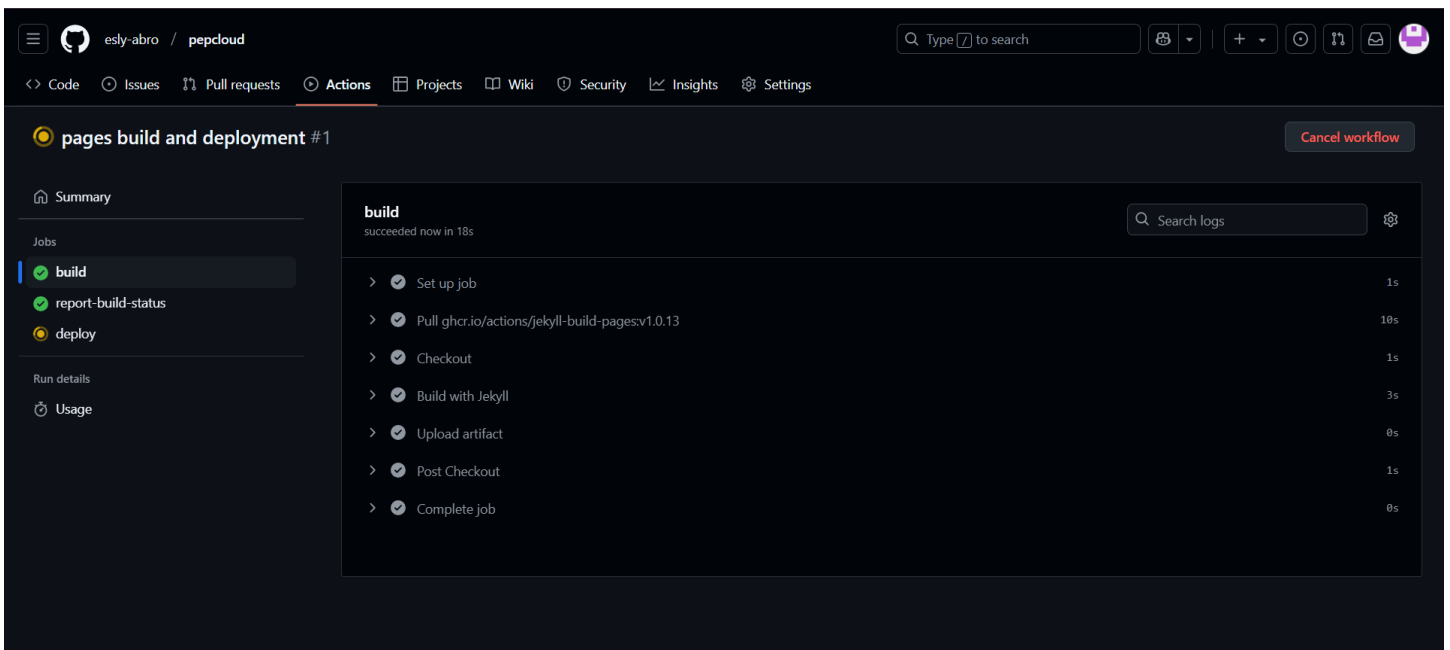
Step 6: Enable GitHub Pages in Repository Settings

- Go to your GitHub repository and click on **Settings**.
- Scroll down and find the **Pages** section in the left-hand menu.
- In the **Source** section, select the branch where your website files are stored (usually main or gh-pages).
- Click **Save**.



Step 7: Wait for Deployment

- GitHub will automatically deploy your static website.
- It might take a few minutes for the deployment to complete.



Step 8: Access Your Deployed Website

- After the deployment, access your website.
- The website will now be live, hosted directly from your GitHub repository.

The screenshot shows the GitHub Pages settings page for the repository 'esly-abro / pepcloud'. The left sidebar contains navigation links: General, Access (Collaborators, Moderation options), Code and automation (Branches, Tags, Rules, Actions, Webhooks, Environments, Codespaces), Pages (selected), Security (Code security, Deploy keys), and a search bar at the top right. The main content area is titled 'GitHub Pages' and includes a description, a live site status box with a 'Visit site' button, a 'Build and deployment' section with 'Source' (Deploy from a branch) and 'Branch' (main) settings, and a 'Custom domain' section.

esly-abro / pepcloud

Q Type [7] to search

<> 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

Security

Code security

Deploy keys

GitHub Pages

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

Your site is live at <https://esly-abro.github.io/pepcloud/>
Last deployed by esly-abro 1 minute 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.

Your site was last deployed to the `github:pages` environment by the [pages build and deployment](#) workflow. [Learn more about deploying to GitHub Pages using custom workflows](#)

Custom domain

Step 9: Update Website (Optional)

- To make future updates to your website, modify the files in your local repository.
- Commit the changes and push them to GitHub.
- The updates will automatically reflect on your live website.