

Publish your Portfolio to Github Pages

In this lab, you will publish the portfolio page to Github Pages.

GitHub Pages is a static site hosting service that takes HTML, CSS, and JavaScript files straight from a repository on GitHub, optionally runs the files through a build process, and publishes a website.

Pre-Requisites

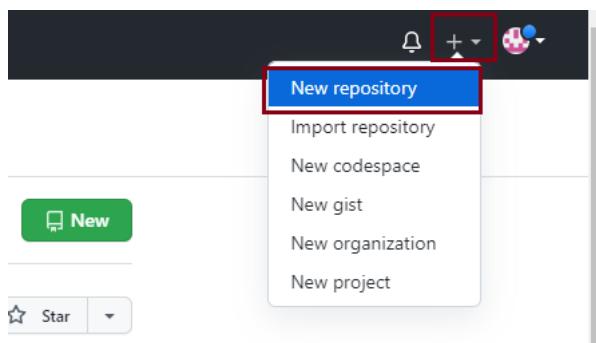
Before doing this lab, you need to have:

1. Completed the Final Project: Portfolio Website (https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDriverSkillsNetwork-CD0101EN-SkillsNetwork/labs/Project/Final_Project_V3/final-project_instructions_v3.md.html).
2. Downloaded the Final Project having the below files and folders to your local system:
 - index.html
 - style.css
 - script.js
 - html_finalprojimages folder with the relevant image files

Instructions

Task 1 : Create a Github repository & the branch for the Github Pages link

1. Sign up for a new Github account at <https://github.com/> , or login if you already have an account.
2. Create a new repository by clicking on the + dropdown at the top right, and selecting New repository.



3. Give it an appropriate name like **my-portfolio**. eg.,**JaneDoe-portfolio**. Select the repository type as **Public**, select **Add a README file**, and click on **Create repository**.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
[Import a repository.](#)

Owner *



Repository name *

my-portfolio



Great repository names are short and memorable. Need inspiration? How about [fantastic-octo-guide](#)?

Description (optional)

Public

Anyone on the internet can see this repository. You choose who can commit.

Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

Add a README file

This is where you can write a long description for your project. [Learn more](#).

Add .gitignore

Choose which files not to track from a list of templates. [Learn more](#).

.gitignore template: None ▾

Choose a license

A license tells others what they can and can't do with your code. [Learn more](#).

License: None ▾

This will set master as the default branch. Change the default name in your [settings](#).

You are creating a public repository in your personal account.

Create repository

4. Go to Settings and select Pages.

The screenshot shows the GitHub Pages settings page for a repository named "my-portfolio". The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The Settings link is highlighted with a red box.

The left sidebar contains sections for General, Access, Collaborators, Moderation options, Code and automation, Branches, Tags, Rules, Actions, Webhooks, Environments, Codespaces, and Pages. The Pages link is highlighted with a red box.

The main content area is titled "GitHub Pages" and describes its purpose: "GitHub Pages is designed to host your personal, organization, or project website." It features a "Build and deployment" section with a "Source" dropdown set to "Deploy from a branch", a "Branch" dropdown set to "None", and a "Save" button. A note states: "GitHub Pages is currently disabled. Select a source below to enable configuring the publishing source for your site."

The "Visibility" section indicates "GITHUB ENTERPRISE". It mentions that with a GitHub Enterprise account, you can restrict access to your published site. A call-to-action button says "Try GitHub Enterprise risk-free for 30 days" and "Learn more about GitHub Enterprise".

5. Select the branch as main from the dropdown.

The screenshot shows the GitHub Pages settings page for a repository named "my-portfolio". The left sidebar has a "Pages" section highlighted with a blue bar. The main area is titled "GitHub Pages" and contains a "Source" section with a dropdown menu set to "Deploy from a branch". A sub-menu titled "Branch" is open, showing options "None" and "main", with "main" selected and highlighted by a red box. A "Save" button is visible next to the "None" option.

GitHub Pages

Source

Deploy from a branch ▾

Branch

GitHub Pages is currently disabled. Select a source below to enable [configuring the publishing source for your site](#).

None ▾

main

✓ None

Select Branch X

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6. Once the `main` branch is selected click on Save.

GitHub Pages

[GitHub Pages](#) is designed to host your personal, organization, or project's website.

Build and deployment

Source

Deploy from a branch ▾

Branch

GitHub Pages is currently disabled. Select a source below to enable [configuring the publishing source for your site](#).

main ▾ / (root) ▾ Save

Visibility GITHUB ENTERPRISE

With a GitHub Enterprise account, you can restrict access to your GitHub Pages published site. A privately published site can only be accessed by people with read access to the repository. It's a great way to share your internal documentation or knowledge.

Try GitHub Enterprise risk-free for 30 days Learn more about GitHub Enterprise

Pages

- Security
- Code security and analysis
- Deploy keys

With this, the Github repository and the master branch which will be used to configure the Github pages link to your Portfolio, have been set up.

Task 2 : Adding the project files and folders to your Github repository

1. Click on Add file and then click on Upload files .

/ my-portfolio (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master ▾ 1 branch 0 tags

Initial commit

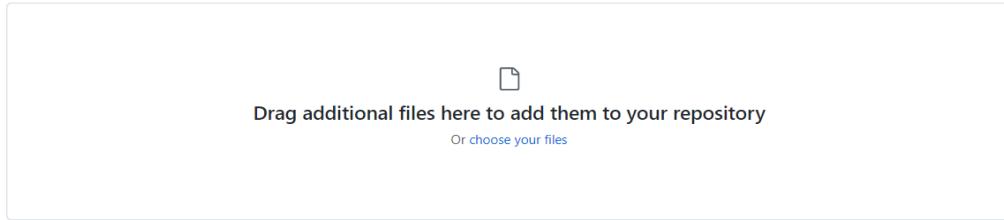
README.md

Add file ▾ Create new file Upload files

my-portfolio

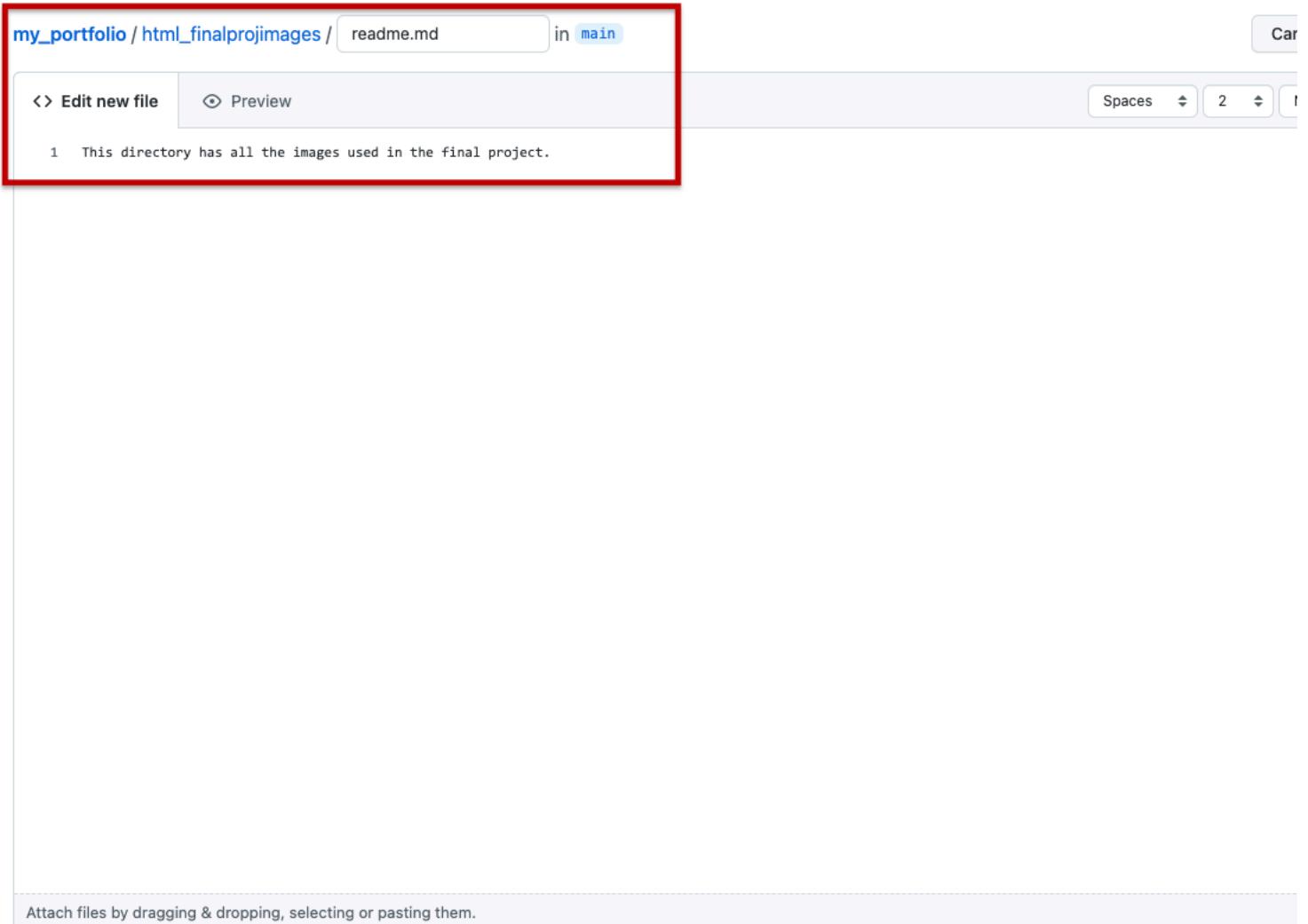
2. Drag and drop index.html, style.css and script.js files from where they are stored, to add them.

3. Add an appropriate commit message and click on Commit Changes.



4. Click on Add File->Create New and enter `html_finalprojimages/readme.md` as filename. This will create a directory `html_finalprojimages` for us to upload the image files. You can add a one-line information in the readme.

5. Add an appropriate commit message and click on Commit Changes. This will create the `html_finalprojimages` images directory.

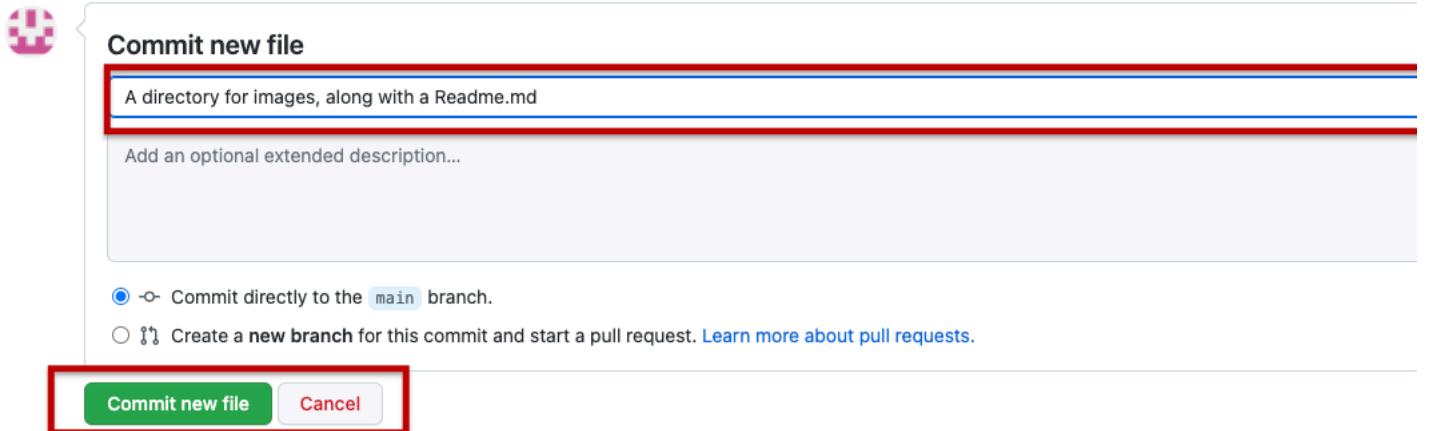


my_portfolio / html_finalprojimages / readme.md in main

<> Edit new file Preview Spaces 2 Car

1 This directory has all the images used in the final project.

Attach files by dragging & dropping, selecting or pasting them.



Commit new file

A directory for images, along with a Readme.md

Add an optional extended description...

Commit directly to the main branch.

Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit new file Cancel

6. Click on Add file, and then click on Upload files, and upload all the files by dragging and dropping them from where they are stored.

7. Add an appropriate commit message and click on Commit Changes.

The screenshot shows a GitHub repository page for 'my-portfolio / html_finalprojimages'. At the top, there's a message: 'Drag additional files here to add them to your repository' with a 'Or choose your files' link. Below this is a list of files:

- checkmark--outline.svg
- css3.png
- envelope.png
- flash.png
- home.png
- html5.png
- java.png
- js.jpeg
- node.png
- phone.png
- react.png
- bullet.png

Below the file list is a 'Commit changes' dialog. It contains a text input field with the placeholder 'Add files via upload' and a note 'Adding all project-related images'. There are two radio button options:

- Commit directly to the 'master' branch.
- Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

At the bottom of the dialog are two buttons: a green 'Commit changes' button and a grey 'Cancel' button.

With this, the project files and folders have been added.

Task 3: Accessing your app on the Github Pages link

1. Go to the main page of your repository.
2. Go to Settings and select Pages.
3. Your Github pages link should be visible as below

 [@jeemail](#) / my-portfolio

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 and analysis
-  Deploy keys

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project websites.

Your site is live at <https://github.io/my-portfolio/>. Last deployed by  2 minutes ago

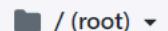
Build and deployment

Source

Deploy from a branch ▾

Branch

Your GitHub Pages site is currently being built from the [main](#) branch of [your site](#).

 main ▾  / (root) ▾ 

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

Your site was last deployed to the [github-pages](#) environment by the [last deployer](#). [Learn more about deploying to GitHub Pages using custom workflows](#).

4. Clicking on Visit site will take you to the page where your Portfolio is published.

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About Me Skills Projects Recommendations



Hi, I'm Jane Doe!

I am a full stack developer with 2 years of experience in both application and presentation layers. I have worked on applications and microservices deployed on IBM Cloud. I am an avid user of IBM Watson Services and have worked on Watson Assistant, NLU, Sentiment analyzer to name a few.

Congratulations! In this lab, you have successfully published your Portfolio on GitHub Pages.

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Skills Network