# 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-Requsites

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/IBMDeveloperSkillsNetwork-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`.
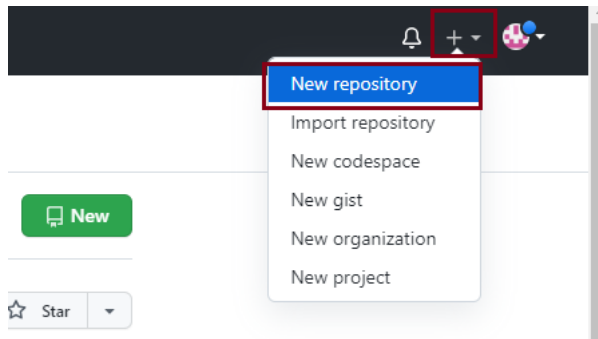


3. Give it an appropriate name like **my-portfolio**. eg.,**JaneDoe-portfolio**. Select the repository type as **Public**, select **Add a README file**, and click on `Create repository`.

# 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 *

[blurred] /            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 ▾ ]

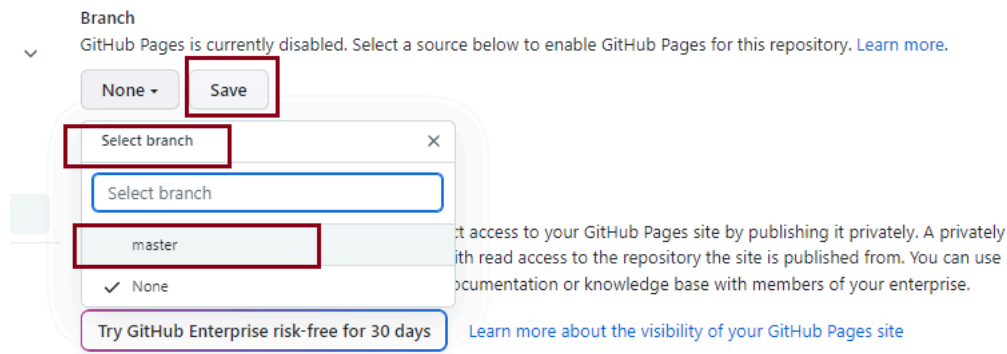This will set ⑂ master as the default branch. Change the default name in your settings.

ⓘ You are creating a public repository in your personal account.

[ **Create repository** ]

4. Go to Settings and select Pages.

🖥 [blurred] / **my-portfolio**  Public

<> Code    ⊙ Issues    ⑂ Pull requests    ✳ Zenhub    ⊙ Actions    ⊞ Projects    📖 Wiki    🛡 Security    📈 Insights    ⚙ Settings

⚙ General

**Access**
🐣 Collaborators
🗨 Moderation options            ⌄

**Code and automation**
⑂ Branches
🏷 Tags
⊙ Actions                        ⌄
🔗 Webhooks
⊞ Environments
🖥 Codespaces
📑 Pages

## GitHub Pages

GitHub Pages is designed to host your personal, organiza

### Build and deployment

**Source**
[ Deploy from a branch ▾ ]

**Branch**
GitHub Pages is currently disabled. Select a source below
[ None ▾ ]  [ Save ]

**Visibility**  GITHUB ENTERPRISE

With a GitHub Enterprise account, you can restrict access
published site can only be accessed by people with read

5. Select the branch as master from the dropdown and click on Save.

**Branch**

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. Learn more.

None ▾    Save

Select branch                                    ✕

Select branch

master

✓ None

Try GitHub Enterprise risk-free for 30 days

...ct access to your GitHub Pages site by publishing it privately. A privately
...ith read access to the repository the site is published from. You can use
...ocumentation or knowledge base with members of your enterprise.

Learn more about the visibility of your GitHub Pages site

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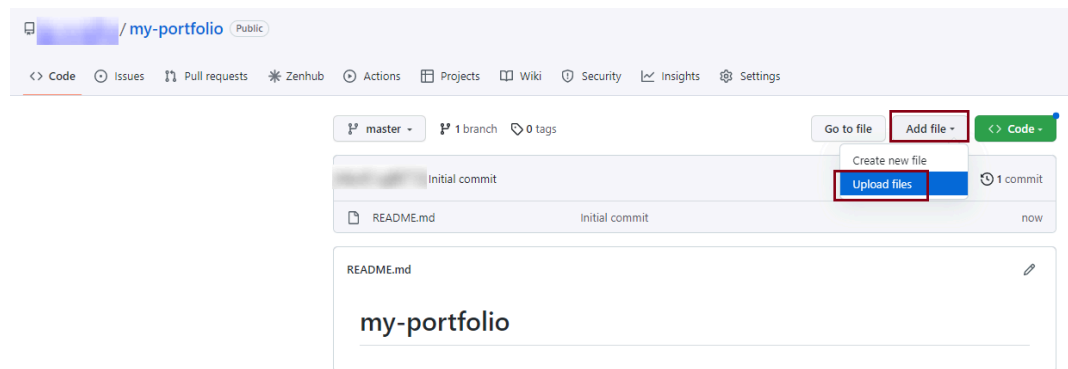
2. Drag and drop `index.html`, `style.css` and `script.js` files from where they are stored, to add them.

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

my-portfolio /

Drag additional files here to add them to your repository
Or choose your files

script.js                                                                    ✕
style.css                                                                    ✕
index.html                                                                   ✕

**Commit changes**

Add files via upload

Adding index.js, style.css & script.js

◉ ⦵ Commit directly to the `master` branch.
◯ ⇅ Create a **new branch** for this commit and start a pull request. Learn more about pull requests.

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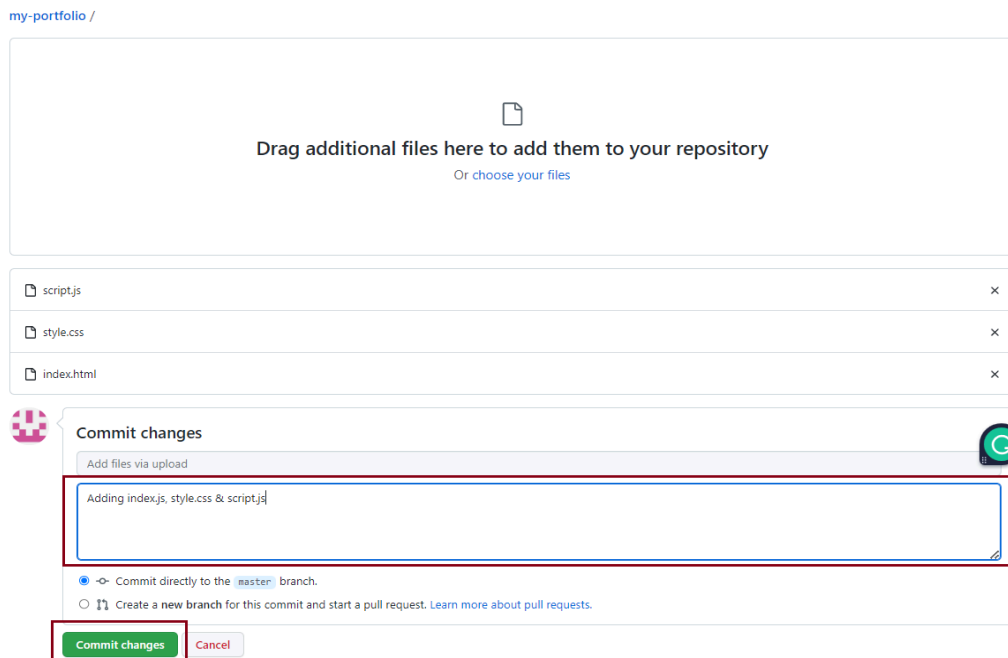
4. Click on `Add File->Create New` and enter `html_finalprojimages/readme.md` as filename. This will create a directory `html_finalprojimages` for us to upload the image files. You can add a one-line information in the readme.

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                                        Ca

<> Edit new file        ⊙ Preview                                                    Spaces ⇕   2 ⇕

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.

my-portfolio / html_finalprojimages



Drag additional files here to add them to your repository
Or choose your 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 | × |

**Commit changes**

Add files via upload

Adding all project-related images

- ○ Commit directly to the `master` branch.
- ○ Create a new branch for this commit and start a pull request. Learn more about pull requests.

[Commit changes]  Cancel

**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



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

**Jane Doe**
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📞 +13456764598

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.**

# Author(s)

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# Other Contributors

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