

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

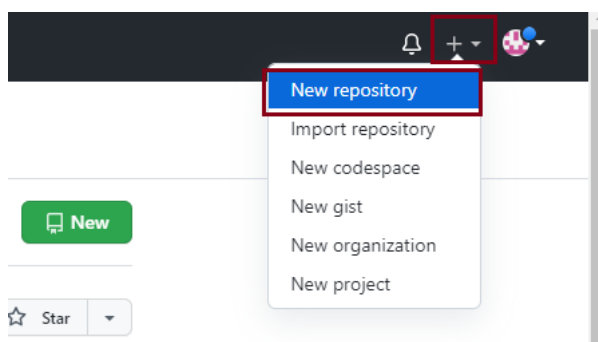
Before doing this lab, you need to have:

1. Completed the Final Project: Portfolio Website (https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/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 *

 ✓

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.](#)

Choose a license

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

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 repository 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 (highlighted with a red box). The left sidebar lists various settings categories: General, Access (Collaborators, Moderation options), Code and automation (Branches, Tags, Rules, Actions, Webhooks, Environments, Codespaces, and Pages, which is highlighted with a red box), and Security (Code security and analysis, Deploy keys). The main content area is titled 'GitHub Pages' and includes a description, a 'Build and deployment' section with 'Source' (set to 'Deploy from a branch') and 'Branch' (currently disabled), and a 'Visibility' section with a 'GITHUB ENTERPRISE' badge and a description of access restrictions. A 'Try GitHub Enterprise risk-free for 30 days' button and a 'Learn more' link are also present.

6/20/25, 7:29 PM about:blank

my-portfolio / 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,

Build and deployment

Source

Deploy from a branch

Branch

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

None Save

Visibility

GITHUB ENTERPRISE

With a GitHub Enterprise account, you can restrict access to yc
published site can only be accessed by people with read acces
privately published sites to share your internal documentation

Try GitHub Enterprise risk-free for 30 days [Learn more](#)

5. Select the branch as **main** from the dropdown.

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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,

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](#).

None Save

Select Branch

main

None

access to yo
published site can only be accessed by people with read access
privately published sites to share your internal documentation

Try GitHub Enterprise risk-free for 30 days [Learn more](#)

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

The screenshot shows the GitHub repository settings for a repository named 'my-portfolio'. The left sidebar contains a list of settings categories: General, Access, Collaborators, Moderation options, Code and automation, Security, and Pages. The 'Pages' category is selected and highlighted. The main content area is titled 'GitHub Pages' and includes sections for 'Build and deployment' and 'Visibility'. In the 'Build and deployment' section, the 'Source' is set to 'Deploy from a branch', and the 'Branch' is set to 'main'. The 'Save' button is highlighted with a red box. In the 'Visibility' section, there is a button for 'GITHUB ENTERPRISE' and a link to 'Try GitHub Enterprise risk-free for 30 days'.

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 .

The screenshot shows the GitHub repository file upload interface. At the top, there is a 'Go to file' button and an 'Add file' button. Below the 'Add file' button, there is a dropdown menu with options 'Create new file' and 'Upload files'. The 'Upload files' option is highlighted with a red box. Below the dropdown, there is a list of files to be uploaded, including 'README.md'. The 'Upload files' button is also highlighted with a red box. The main content area shows the 'README.md' file content, which is '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.


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



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


The screenshot shows a GitHub web interface for creating a new file. At the top, the breadcrumb navigation shows 'my_portfolio / html_finalprojimages /' followed by a text input containing 'readme.md' and a dropdown menu set to 'main'. Below this is a toolbar with 'Edit new file' and 'Preview' tabs. The main text area contains a single line: '1 This directory has all the images used in the final project.' Below the text area is a dashed line with the instruction 'Attach files by dragging & dropping, selecting or pasting them.' At the bottom, a 'Commit new file' dialog is open. It has a title bar, a text input with 'A directory for images, along with a Readme.md', and a larger text area for an optional extended description. Below these are two radio button options: 'Commit directly to the main branch.' (selected) and 'Create a new branch for this commit and start a pull request.' At the bottom of the dialog are two buttons: 'Commit new file' and 'Cancel'.

my_portfolio / html_finalprojimages / in main

<> 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**

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.](#)

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

×

is.jpeg

×

node.png

×

phone.png

×

react.png

×

bullet.png

×

Commit changes

Add files via upload

Adding all project-related images

☒ Commit directly to the `main` 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

The screenshot shows the GitHub repository settings for a repository named 'my-portfolio'. The left sidebar contains navigation links: General, Access, Code and automation, and Security. The 'General' tab is selected. Under 'Access', there are links for Collaborators and Moderation options. Under 'Code and automation', there are links for Branches, Tags, Rules, Actions, Webhooks, Environments, and Codespaces. The 'Pages' link is highlighted. Under 'Security', there are links for Code security and analysis and Deploy keys. The main content area is titled 'GitHub Pages' and contains the following information:

- GitHub Pages** is designed to host your personal, organization,
- Your site is live at <https://rajivskillup.github.io/my-portfolio/>
- Last [deployed](#) by [rajivskillup](#) 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](#).
- Buttons: `main`, `/(root)`, and [Save](#)
- Learn how to [add a Jekyll theme](#) to your site.
- Your site was last deployed to the `github-pages` environment. [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.

The header section of the portfolio website has a purple background. On the left, it displays the name 'Jane Doe', email 'jdoe@jeemail.com', and phone number '+13456764598'. On the right, there are navigation links: 'About Me', 'Skills', 'Projects', and '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