

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

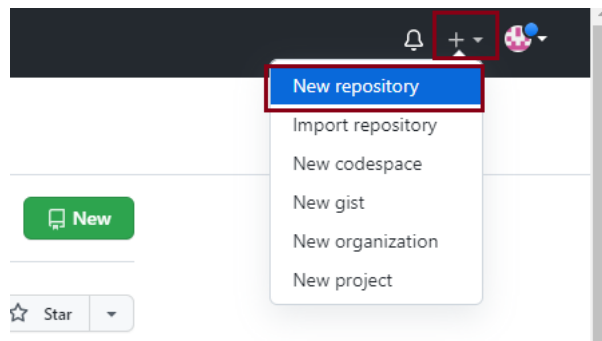
Before doing this lab, you need to have:

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.](#)

.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 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 (which is highlighted with a red box). The left sidebar contains a list of settings categories: General, Access (Collaborators, Moderation options), Code and automation (Branches, Tags, Rules, Actions, Webhooks, Environments, Codespaces), Pages (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 'Try GitHub Enterprise risk-free for 30 days' button.

12/30/25, 8:46 AM

about:blank

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 private repository.

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

Visibility

GITHUB ENTERPRISE

With a GitHub Enterprise account, you can restrict access to your GitHub Pages site so that only people with read access to your repository can access the site. You can also restrict access to your GitHub Pages site so that only people with read access to your repository can access the site. You can also restrict access to your GitHub Pages site so that only people with read access to your repository can access the site.

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

5. Select the branch as main from the dropdown.

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about:blank

my-portfolio

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

General

Access

Collaborators

Moderation options

Code and automation

Branches

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GitHub Pages

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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

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

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, Code and automation, Security, and Pages. The 'Pages' category is selected and highlighted. The main content area is titled 'GitHub Pages' and includes a description, a 'Build and deployment' section, and a 'Visibility' section. In the 'Build and deployment' section, the 'Source' is set to 'Deploy from a branch', the 'Branch' is set to 'main', and the 'Save' button is highlighted with a red box. The 'Visibility' section shows a 'GITHUB ENTERPRISE' badge and a button to 'Try GitHub Enterprise risk-free for 30 days'.

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 public repository.

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 so that only people with read access to your repository can view the site. You can also restrict access to privately published sites to share your internal documentation or code.

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

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 view for 'my-portfolio'. The repository is public and has a single branch named 'master'. The file view shows a single file named 'README.md' with the content 'my-portfolio'. The 'Add file' button is highlighted with a red box, and the 'Upload files' button is also highlighted with a red box.

my-portfolio Public

<> Code Issues Pull requests Zenhub Actions Projects Wiki Security Insights Settings

Go to file Add file <> Code

Create new file

Initial commit

Upload files 1 commit


README.md Initial commit now

README.md

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



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

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 [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

my-portfolio

<> Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings

General

Access

Collaborators
Moderation options

Code and automation

Branches
Tags
Rules
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Webhooks
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Codespaces
Pages

Security

Code security and analysis
Deploy keys

GitHub Pages

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

Your site is live at <https://my-portfolio.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)

Save

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

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

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

Jane Doe
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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