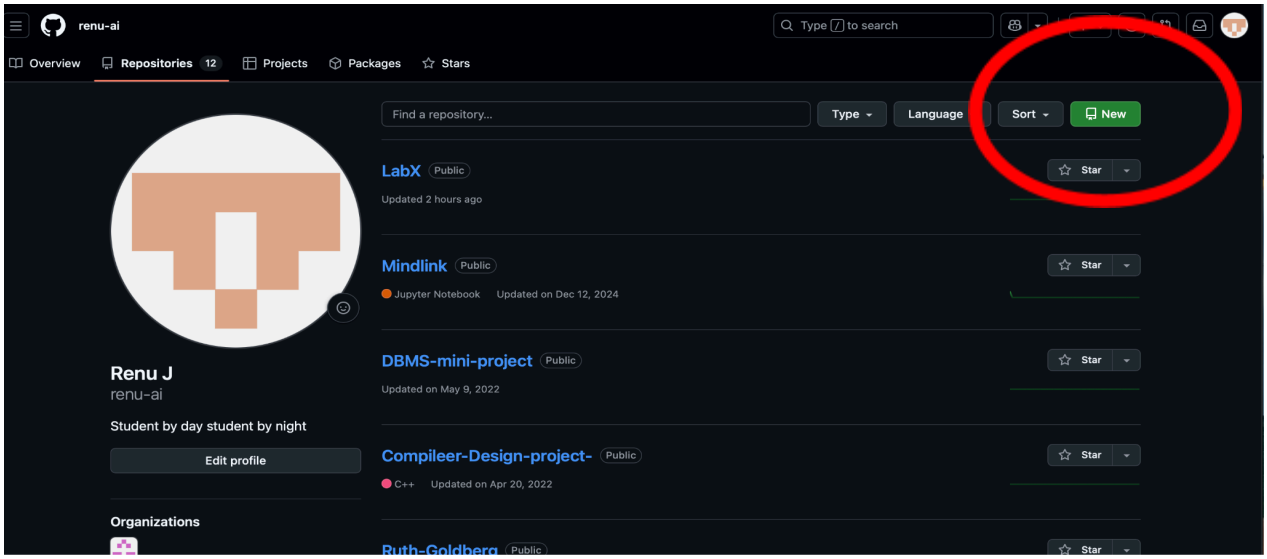
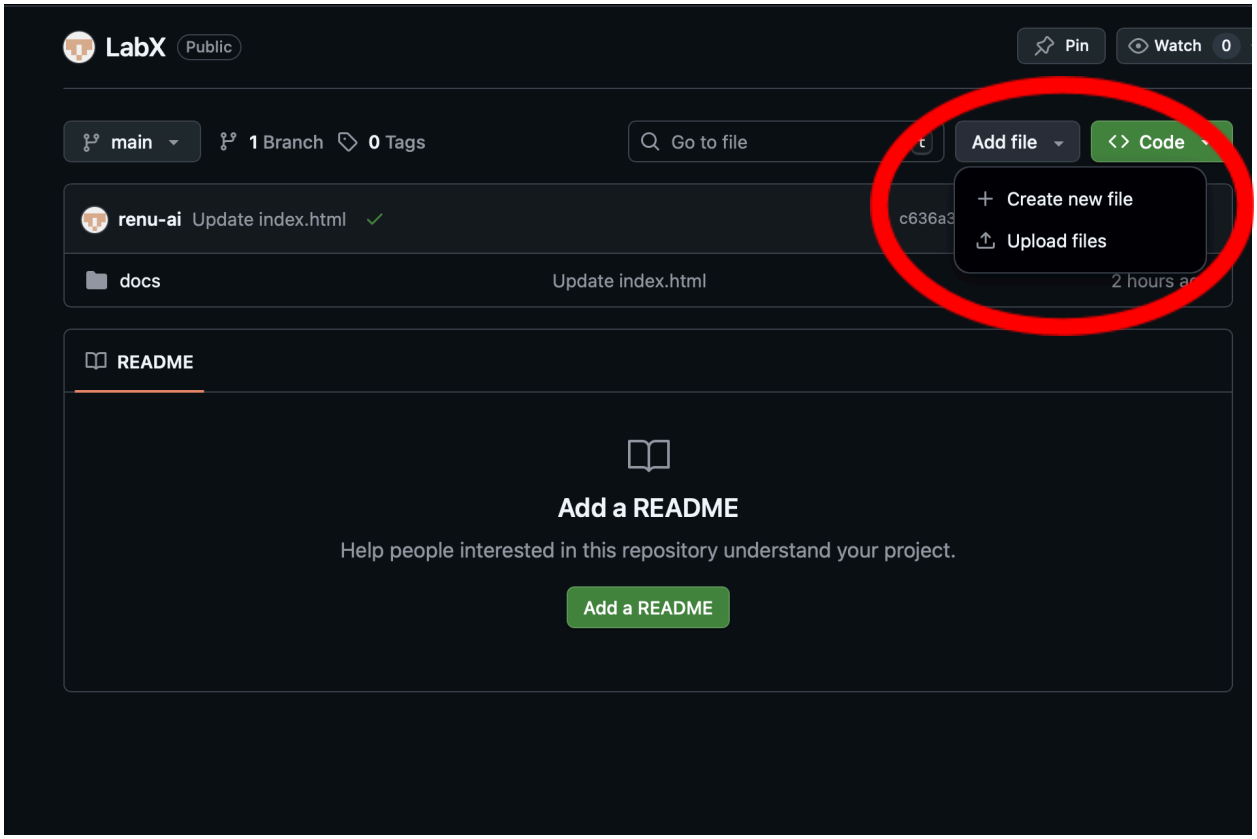
HOW TO PUBLISH YOUR QUARTO WEBSITE ON GITHUB PAGES (Lab X Guide)

By: Renu Madhuraj Jadhav

1. **Set up your repository**
    a. Create a new GitHub repo. Just click on the green button that says “New”. Name it whatever you want.
    b.



    c. Make it **Public** (Pages does *not* work on private repos unless you pay)



d. Upload your files. Drag and Drop works the best.

e. Commit your changes.

Important: Put your website files in the *root*.
Do NOT place them inside another folder like `LABX/`. GitHub Pages will NOT find `/docs`.

2. Configure your Quarto project

In your main .yml file, set:

```
project:
  type: website
  output-dir: docs
```

Quarto normally outputs to `_site/`, but GitHub Pages only works with a folder named **docs**.

```yaml
project:
  type: website
  output-dir: docs

website:
  title: "Renu Madhuraj Jadhav"
  description: "Computational Health Researcher – Exploring the intersection of AI and medici

```

3. Render your website locally

Either pick the " Save to Render" option or in RStudio terminal type:
quarto render
This creates the folder:
docs/
  file1.html
  file2.html
  file3.html
  File4.css

If you do not see a `docs/` folder → your site will NOT deploy.

4. Upload the docs folder to your repository.

Make sure you do not have any _sites files in your repository already. Remove them before uploading your docs/ folder. DO NOT delete anything from the docs folder.

5. Fix the biggest GitHub Pages issue

GitHub Pages by default tries to run **Jekyll**.

Quarto sites are **NOT** Jekyll sites.
You MUST disable Jekyll, otherwise GitHub will crash.

Inside your `docs/` folder(that you uploaded in your repo), pick the "create a file" option and name the file:
.nojekyll

Leave it empty.

REMINDER:
5. Delete the `_site/` folder.

Again:
If you ever rendered your site before changing `output-dir`, you will have: _site/ folder.

GitHub Pages **does not care** that it's not being deployed.
If GitHub sees *any folder starting with* `_`, it **forces Jekyll mode** and breaks everything.

So delete `_site/` completely.

7. Commit the changes:

Make sure you have these items:

- docs/ (HTML, CSS, images, `.nojekyll`)
- all your `.qmd`
- `.yml file that you created`

Do **NOT** push your entire Quarto folder *inside* another folder.

8. Enable GitHub Pages

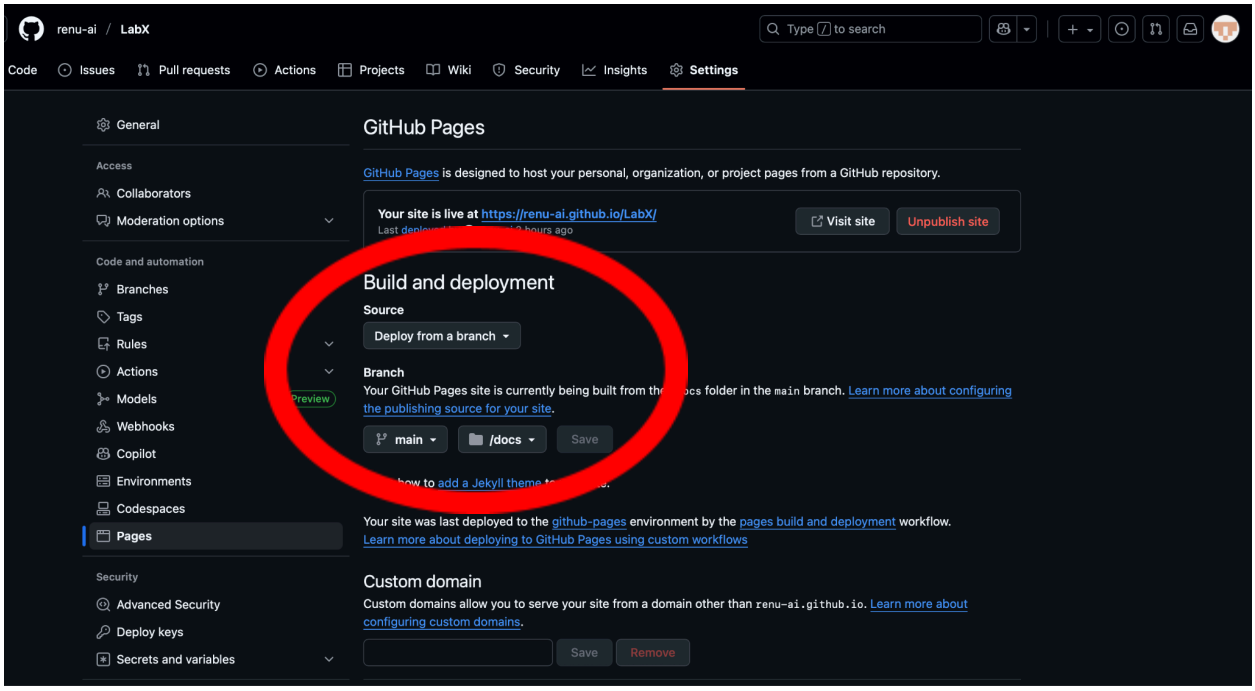
Go to your repository:

`Settings → Pages`

Set:

- **Source:** Deploy from a branch
- **Branch:** main
- **Folder:** /docs

Save.



After 30–60 seconds, your site will build.

9. Understanding build errors (this helps a LOT)

Check the email associated with your github account.
You might see errors like:

1. Build fails with: No such directory @ dir_chdir - /github/workspace/docs → Your docs folder is not in the root. Move it out of subfolders.

2. Build fails with SCSS error: Error: Rendering assets/css/style.scss → You forgot .nojekyll or you still have _site/.

3. Deploy step shows: Canceling Pages deployment failed → This is harmless.Your site is already deployed.

10. Your website link:
Once deployed, GitHub will show:
https://YOUR-USERNAME.github.io/REPO-NAME/

THAT IS ALL!!!!! Yay.