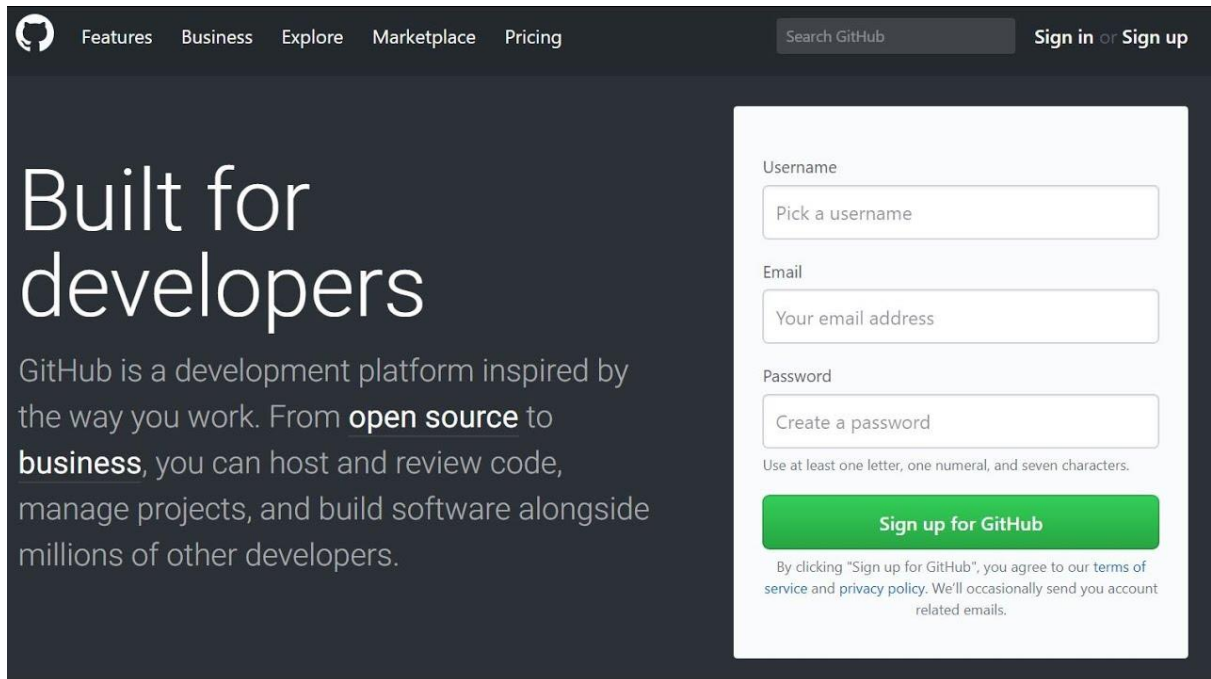


GUIDE TO DEPLOYING A REACT APP TO GITHUB PAGES

1. Create a Repository on GitHub.

1.1. Create an account and log in to GitHub.

Go to <https://github.com/> to log in or sign up for an account. If you don't have an account, enter your information in the Sign Up form to register.

A screenshot of the GitHub homepage with the sign-up form highlighted. The form is titled 'Sign up for GitHub' and includes fields for Username, Email, and Password. The Password field has a note: 'Use at least one letter, one numeral, and seven characters.' Below the form is a green button labeled 'Sign up for GitHub'. A disclaimer at the bottom states: 'By clicking "Sign up for GitHub", you agree to our terms of service and privacy policy. We'll occasionally send you account related emails.'

After providing all the required information and completing the registration process.

Check your email to see if GitHub has sent a verification link. If so, click on [Verify email address] to proceed with verification. If you haven't received it, go back to the GitHub homepage and click [Resend verification email].

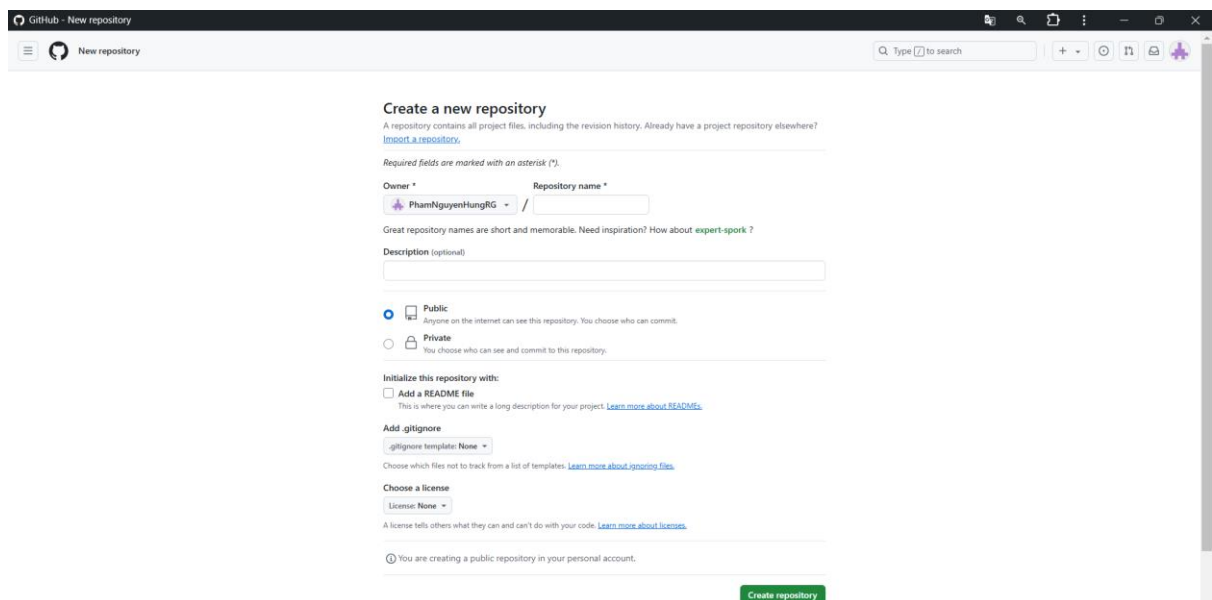
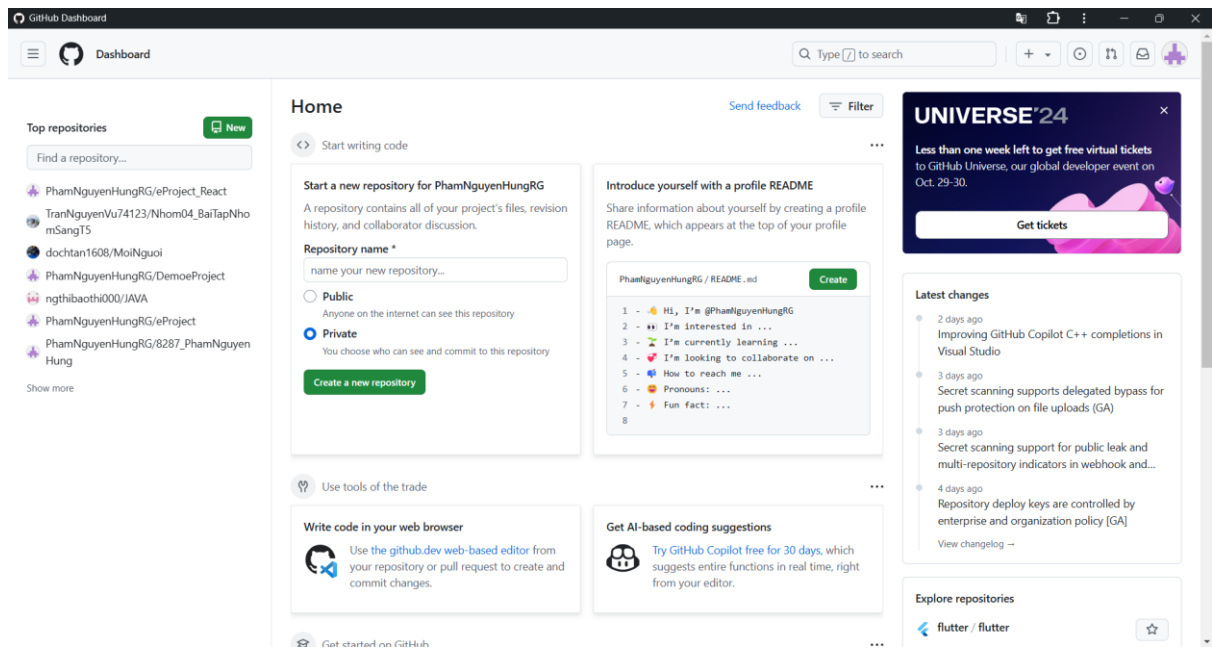
1.2. Create a New Repository.

Click the plus sign icon in the upper-right corner of the screen and select [New Repository].

Name your repository, for example: DemoeProject.

Choose between Public or Private depending on your needs.

Click Create repository to complete the process.



2. Deploying a React App to GitHub Pages.

Open the terminal in Visual Studio Code:

2.1. Install GitHub Pages `npm install --save gh-pages`

2.2. Add to package.json File

"homepage": "https://phamnguyenhungrg.github.io/DemoProject/", "predeploy": "npm run build",

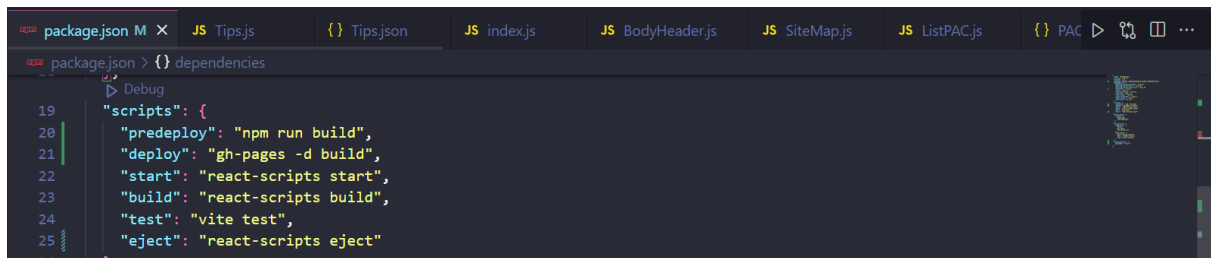
"deploy": "gh-pages -d build"



```
PS E:\greengroves> npm install --save gh-pages
```



```
package.json > {} dependencies
1 {
2   "name": "greengroves",
3   "version": "0.1.0",
4   "private": true,
5   "homepage": "https://phamnguyenhungrg.github.io/DemoeProject/",
```



```
package.json > {} dependencies
  Debug
19 "scripts": {
20   "predeploy": "npm run build",
21   "deploy": "gh-pages -d build",
22   "start": "react-scripts start",
23   "build": "react-scripts build",
24   "test": "vite test",
25   "eject": "react-scripts eject"
```

2.3. Push Code to GitHub

- git init o git add .
- git commit -m "first commit"
- git branch -M main
- git remote add origin <https://github.com/PhamNguyenHungRG/DemoeProject.git>
- push -u origin main

2.4. Run the deploy command.

npm run deploy

After a successful deployment, go back to GitHub: Open your repository on GitHub, click on the "Settings" tab at the top, and scroll down to the "Pages" section. Wait for about 1-5 minutes and you should see the results as shown below.

GitHub - Pages

github.com

PhamNguyenHungRG / DemoeProject

Type [f] to search

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<> 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

🔑 Deploy keys


📁 Secrets and variables

Integrations

🔗 GitHub Apps

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at <https://phamnguyenhungrg.github.io/DemoeProject/>
Last deployed by  PhamNguyenHungRG 1 hour ago

[Visit site](#) ⋮

Build and deployment

Source

Deploy from a branch

Branch

Your GitHub Pages site is currently being built from the gh-pages branch. [Learn more about configuring the publishing source for your site.](#)

gh-pages / (root) Save

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

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

Custom domain

Custom domains allow you to serve your site from a domain other than phamnguyenhungrg.github.io. [Learn more about configuring custom domains.](#)

Save Remove