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**GUIDE**

**TO DEPLOYING A REACT APP TO GITHUB PAGES**

GitHub Pages is a free service from GitHub that allows you to host a website directly from a repository on GitHub. It is a great tool for deploying static websites such as blogs, personal pages, or project documentation.

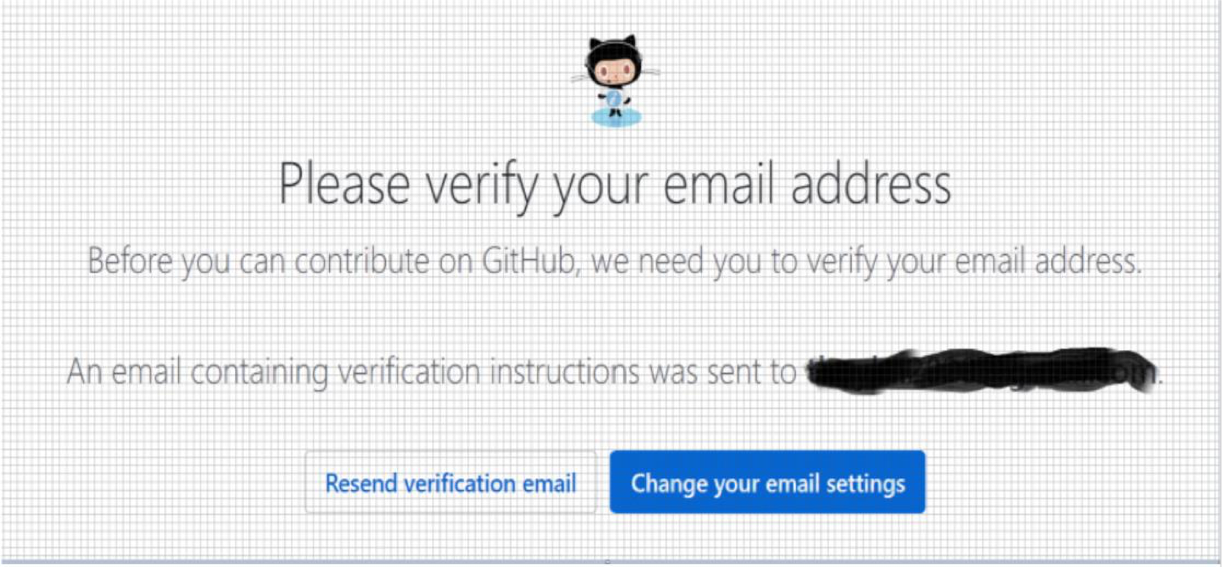
**1. Create a Repository on GitHub.  
 1.1 Create an account and log in to GitHub.**

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.

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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 SIGN IN**

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**2. Create a New Repository.**

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

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+ Name your repository, for example: **TechwizProject** + Choose between Public or Private depending on your needs.

+ Leave default for everything.

+ Click Create repository to complete the process.

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**3. Deploying a React App to GitHub Pages**

Open the terminal in Visual Studio Code:

**3.1. Install GitHub Pages**

npm install --save gh-pages

**3.2. Add to package.json File**

"homepage": <https://duongtanphat2025.github.io/techwizproject/>,

"predeploy": "npm run build",

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

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**3.3. Push Code to GitHub**

o git init  
o git add .  
o git commit -m "first commit"  
o git branch -M main  
o git remote add origin https://github.com/duongtanphat2025/techwizproject.git

o git push -u origin main

**3.4. Run the deploy command**

o 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.

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