

## How to deploy Vite+React Projects to GitHub

Use every code in your VScode terminal

### 1. Initialize a Git Repository

```
```\ngit init\n```
```

### 2. Add your project to the stage area or index

```
```\ngit add .\n```
```

### 3. Commit your project to the git local repository

```
```\ngit commit -m "Initial commit"\n```
```

### 4. Create a Repository on GitHub

Go to GitHub.  
Log in to your account.  
Click on the + icon in the top-right corner and select New repository.  
Give your repository a name and fill out other details as needed.  
Click Create repository.

### 5. Push Your Local Repository to GitHub

Replace your-username and your-repository-name with your actual GitHub username and repository name

```
```\ngit remote add origin https://github.com/your-username/your-repository-  
name.git  
git branch -M main  
git push -u origin main\n```
```

### 6. Install the gh-pages package

```
```\npnpm add gh-pages -D\n```
```

### 7. Add Scripts to package.json in your project folder

```
```` package.json ````\n\n  "scripts": {\n    "predeploy": "pnpm run build",\n    "deploy": "gh-pages -d dist"\n  }\n  .....
```

### 8. Update vite.config.js in your project folder

```
```` cvite.config.js ````
```

```
import { defineConfig } from 'vite';
import react from '@vitejs/plugin-react';

export default defineConfig({
  plugins: [react()],
  base: '/your-repository-name/', // Replace with your GitHub repository name
});
```

```
````````````````````````````````````````
```

## 9. Build Your Vite + React Project

```
``
pnpm run build
``
```

## 10. Run the Deploy Script

```
``
pnpm run deploy
``
```

## 11. Enable GitHub Pages

Finally, go to your repository settings on GitHub:  
Navigate to the "Settings" tab of your repository.  
Scroll down to the "Pages" section in the left sidebar.  
Under "Source", select the gh-pages branch.  
Save your settings.

Final result ==> This is your GitHub link ==>  
yourGithubAccName.github.io/yourRepositoryName