How To Deploy a React Vite App with React Router Dom || Multiple Pages on Github Pages.

# Step 0 - Create A repository.

### **1. Update Router Configuration:**

Ensure your src/index.js or wherever you initialize your React app uses HashRouter for GitHub Pages:

import { HashRouter } from 'react-router-dom';

import App from './App';

ReactDOM.render(

<HashRouter>

<App />

</HashRouter>,

document.getElementById('root'));

### **2.Add HomePage in pakage.json**

"homepage": "https://<your-username>.github.io/<repo-name>/",

### **3. Update Vite Config:**

Make sure your Vite configuration (vite.config.js) has the correct base property:

javascript

// vite.config.js

export default {

base: '/your-repo-name/',

// other config options...

};

### 

### **4. Install gh-pages:**

If you haven't already, install the gh-pages package:

bash

npm install gh-pages --save-dev

### **5. Add Deployment Scripts:**

In your package.json, add the following scripts:

json

Copy code

"scripts": {

"predeploy": "npm run build",

"deploy": "gh-pages -d dist"

}

### 

### **6. Commit Changes:**

Commit your changes to the repository:

bash

git add .

git commit -m "Prepare for GitHub Pages deployment"

git push

### 

### **7. Deploy to GitHub Pages:**

Run the deployment script to deploy your app to GitHub Pages:

bash

npm run deploy

### 

### **8. Verify Deployment:**

Visit https://<username>.github.io/<repository-name> (replace <username> and <repository-name> with your GitHub username and repository name) to verify that your Vite React app with React Router DOM is successfully deployed.