To Push a project from local system to Github

**✅ Step 1: Create a Repository on GitHub**

1. Go to <https://github.com>
2. Click on **"New repository"**
3. Give your repository a name (e.g., my-project)
4. Choose public or private
5. **Don't initialize** the repo with a README (optional)
6. Click **"Create repository"**

You'll see some commands like this:

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/ShahnawazShaikhh/vm\_automation\_project\_using\_python.git

git push -u origin main

**✅ Step 2: Push Local Project from D: Drive**

1. Open **Command Prompt** or **Git Bash**
2. Navigate to your project folder on D: drive:

cd /d/your-folder-name

1. Initialize Git (if not already done):

git init

1. Add all files:

git add .

1. Commit the files:

git commit -m "Initial commit"

1. Add the GitHub remote (replace with your repo URL):

git remote add origin https://github.com/yourusername/my-project.git

1. Push to GitHub:

git push -u origin main

8. **🔐 Authentication**

If prompted, enter your GitHub username and **access token** (not password).  
You can create a token here: <https://github.com/settings/tokens>

**🔐 Create a Personal Access Token (PAT)**

1. Go to: <https://github.com/settings/tokens>
2. Click **"Generate new token"** (under “Tokens (classic)”)
3. Set:
   * **Note**: e.g., Git push token
   * **Expiration**: Choose any (30 days, 90 days, etc.)
   * **Scopes/Permissions**: ✅ Check repo (for full control of private repos)
4. Click **Generate token**
5. **Copy the token** and save it somewhere safe (you won't see it again)

When prompted:

* **Username**: ShahnawazShaikhh (not your email)
* **Password**: Paste the **token**

ERRORS AND SOLUTION

1. Author identity unknown \*\*\* Please tell me who you are.

**🛠️ Set Your Git Identity (Globally)**

Replace the name and email with your own:

git config --global user.name "Shahnawaz Badre Alam Shaikh"

git config --global user.email "shahnawazshaikhh312@gmail.com"

After setting that, commit again:

git commit -m "Initial commit"

2.If error related to owner or user exception like :

The repository was created or accessed by another user (probably as Administrator), and you're now running Git as your normal user.

You can fix it by **telling Git to trust the folder**. Just run this command:

**✅ Mark Your Project Directory as Safe**

git config --global --add safe.directory D:/vm\_automation\_project\_using\_python