

● "fatal: not a git repository"

? When?

You run a git command like git add or git commit outside a Git-enabled folder.

Fix:

💡 Make sure you're inside your project folder.

● "Please tell me who you are"

? When?

Git doesn't know your name/email.

Fix:

git config --global user.name "Your Name"
git config --global user.email "you@example.com"

● "Permission denied (publickey)"

? When?

Trying to push but GitHub doesn't recognize your computer.

Fix:

- Switch to HTTPS in your remote:
git remote set-url origin https://github.com/username/repo.git

● "error: failed to push some refs"

? When?

Your local code is behind what's on GitHub.

Fix:

git pull origin main # Then resolve conflicts if needed
git push origin main

● "fatal: remote origin already exists"

? When?

You try to add a GitHub repo that's already connected.

Fix: git remote set-url

origin https://github.com/username/repo.git

● "fatal: Authentication failed"

? When?

Trying to push but GitHub rejects your credentials.

🔧 **Fix:** If using HTTPS: make sure you're logged in correctly.

If asked for username/password, use a GitHub Personal Access Token (not your password anymore!).

● "main does not appear to be a git repository"

? When?

You try to push to a branch that doesn't exist locally.

🔧 **Fix:**

Check your branch name:

git branch Then push: git push origin your-branch-name

● "nothing to commit, working tree clean"

? When?

You try to commit, but you haven't changed any tracked files.

🔧 **Fix:**

Make changes first. Or run: git status To check what Git sees.

● Git Keeps Asking for Username/Password Every Time

? When?

You're using HTTPS but Git isn't saving credentials.

🔧 **Fix:**

Use credential cache: git config --global credential.helper cache