Beginner GIT Cheatsheet

==========techlogist.net==========

Setup (once per machine/repo)

Create a new repo in the current folder

git init

Copy an existing repo locally

git clone <url>

Set your name/email (recommended)

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

Save your work (everyday)

See what's modified/untracked

git status

Stage changes for the next snapshot

git add <file> or git add .

Commit staged changes:

git commit -m "message"

View what changed

git diff

View commit history

git log

Branching basics

List/create branches

git branch (create: git branch <name>)

Switch branches

git checkout <branch> (newer alternative often used: git switch <branch>)

Merge a branch into the current one

git merge <branch>

Remotes (GitHub/GitLab) basics

Download new remote commits (without merging)

git fetch

Fetch + merge into your current branch

git pull

Upload your commits

git push

Safe "undo" starters

Make a new commit that undoes a previous commit (safe on shared branches)

git revert <commit>

Temporarily shelve uncommitted work

git stash