

# ■ Git Cheat Sheet – 50 Git Commands You Should Know

## ***Check Git configuration:***

```
git config -l
```

## ***Setup Git username:***

```
git config --global user.name "Fabio"
```

## ***Setup Git user email:***

```
git config --global user.email "signups@fabiopacifici.com"
```

## ***Cache login credentials:***

```
git config --global credential.helper cache
```

## ***Initialize a Git repo:***

```
git init
```

## ***Add file to staging area:***

```
git add filename_here
```

## ***Add all files:***

```
git add .
```

## ***Add matching files:***

```
git add fil*
```

## ***Check repo status:***

```
git status
```

## ***Commit changes (editor):***

```
git commit
```

## ***Commit changes (message):***

```
git commit -m "your commit message here"
```

## ***Commit and skip staging:***

```
git commit -a -m "your commit message here"
```

## ***See commit history:***

```
git log
```

***See commit history with changes:***

```
git log -p
```

***See specific commit:***

```
git show commit-id
```

***See log stats:***

```
git log --stat
```

***See unstaged changes:***

```
git diff
```

***See file changes:***

```
git diff all_checks.py
```

***See staged changes:***

```
git diff --staged
```

***Interactive add:***

```
git add -p
```

***Remove tracked file:***

```
git rm filename
```

***Rename file:***

```
git mv oldfile newfile
```

***Ignore files:***

```
Create a .gitignore file
```

***Revert unstaged changes:***

```
git checkout filename
```

***Revert staged changes:***

```
git reset HEAD filename
```

***Amend last commit:***

```
git commit --amend
```

***Rollback last commit:***

```
git revert HEAD
```

***Rollback old commit:***

```
git revert commit_id_here
```

***Create new branch:***

```
git branch branch_name
```

***Switch branch:***

```
git checkout branch_name
```

***List branches:***

```
git branch
```

***Create + switch branch:***

```
git checkout -b branch_name
```

***Delete branch:***

```
git branch -d branch_name
```

***Merge branches:***

```
git merge branch_name
```

***Commit log as graph:***

```
git log --graph --oneline
```

***Commit log (all branches):***

```
git log --graph --oneline --all
```

***Abort merge:***

```
git merge --abort
```

***Add remote repo:***

```
git remote add origin https://repo_here
```

***See remote URLs:***

```
git remote -v
```

***Show remote info:***

```
git remote show origin
```

***Push changes:***

```
git push
```

***Pull changes:***

```
git pull
```

***Check remote branches:***

```
git branch -r
```

***Fetch remote changes:***

```
git fetch
```

***Remote commits log:***

```
git log origin/main
```

***Merge remote with local:***

```
git merge origin/main
```

***Update remotes:***

```
git remote update
```

***Push new branch:***

```
git push -u origin branch_name
```

***Delete remote branch:***

```
git push --delete origin branch_name_here
```

***Rebase branch:***

```
git rebase branch_name_here
```

***Interactive rebase:***

```
git rebase -i master
```

***Force push:***

```
git push -f
```