# **Git Commands**

Git is a command-line tool, the following commands are the most used:

This article will cover:

1. Git configuration commands
2. Create and initialize a Git Repository
3. Git commit commands
4. Git branch commands
5. Git Push and Pull commands
6. Git help commands
7. Git remote commands

**Git configuration commands**

git config is used to configure and set up Git for the first time:

* $ git config
* $ git config --global user.name "your name"
* $ git config --global user.email "your-email"
* $ git config –list

**Create and initialize a Git Repository**

* $ git init
* $ git status
* $ git add file\_name.js
* $ git add file\_name1.js file\_name2.txt file\_name3.js
* $ git add .
* $ git add –all
* $ git add -A
* $ git rm --cached file\_name.js
* $ git reset file\_name.js

**Git commit commands**

The command **git commit** is an important Git command. To use this command, you should have at least added one file to the staging area.

* $ git commit -m "Add your message here"
* $ git commit -a -m "Your message here"
* $ git reset --soft HEAD^
* $ git add file\_name.html

$ git commit --amend -m "Add your message here"

**Git branch commands**

Git branch commands are very helpful especially when you are working on a project with other developers.

* $ git branch
* $ git branch branch\_name
* $ git checkout brunch\_name
* $ git merge your\_branch\_name
* $ git branch -d branch\_name

**Git Push and Pull commands**

Git push and git pull are both Git remote commands.

* $ git push -u origin branch\_name
* $ git push
* $ git pull

**Git remote commands**

* $ git remote add origin https://github.com/username/repository-name.git
* $ git remote -v
* $ git clone https://github.com/dusername/repository-name.git
* $ git clone -branch branch\_name https://github.com/username/repository-name.git
* $ git remote add upstream https://github.com/TheOwnerUsername/original-repository-name.git
* $ git clone --bare https://github.com/username/original-repository-name.git
* $ git push --mirror https://github.com/username/new-repository-name.git
* $ rm -rf repository-name.git

**Git help commands**

* $ git help
* $ git help <theCommandName>