**Git All Commands**

**Basic Commands:**

* git init - Initialize a new Git repository
* git clone <repository> - Clone a remote repository to your local machine
* git status - Show the working tree status
* git add <file> - Stage changes for the next commit
* git commit -m "message" - Commit changes with a message
* git log - Show the commit history
* git diff - Show changes between commits, working directory, and the index

**Branching and Merging:**

* git branch - List, create, or delete branches
* git branch <branch-name> - Create a new branch
* git checkout <branch-name> - Switch to a branch
* git checkout -b <branch-name> - Create and switch to a new branch
* git merge <branch-name> - Merge changes from another branch
* git rebase <branch-name> - Reapply commits on top of another base branch
* git tag - List, create, or delete tags
* git tag <tag-name> - Create a new tag

**Remote Repositories:**

* git remote - Manage set of tracked repositories
* git remote add <name> <url> - Add a new remote repository
* git remote remove <name> - Remove a remote repository
* git fetch <remote> - Download objects and refs from a remote repository
* git pull <remote> <branch> - Fetch and merge changes from a remote branch
* git push <remote> <branch> - Push changes to a remote repository

**Undo Changes:**

* git reset - Reset current HEAD to a specified state
* git reset --hard - Reset changes in working directory and index
* git reset <file> - Unstage a file
* git revert <commit> - Revert a commit by creating a new commit
* git clean - Remove untracked files from the working directory

**Stashing:**

* git stash - Save changes temporarily to a stack
* git stash list - List all stashes
* git stash apply - Apply the latest stash
* git stash drop - Remove a stash
* git stash pop - Apply the latest stash and remove it

**Configuration and Info:**

* git config - Get and set repository or global options
* git config --global user.name "name" - Set global user name
* git config --global user.email "email" - Set global email
* git config --list - List all configuration settings
* git describe - Describe the current commit

**Comparing and Inspecting:**

* git diff - Show changes between commits, working directory, and index
* git show <commit> - Show various types of objects
* git blame <file> - Show who changed each line in a file

**Advanced Commands:**

* git cherry-pick <commit> - Apply the changes from a specific commit
* git rebase -i <commit> - Interactively rebase commits
* git reflog - Show the reference logs
* git archive - Create an archive of files from a named tree

**Collaboration:**

* git pull --rebase - Fetch from the remote and rebase the current branch
* git push --force - Forcefully push changes to a remote branch (use with caution)
* git merge --no-ff - Create a merge commit even if the merge could be fast-forwarded

**Repository Management:**

* git init - Initialize a new Git repository
* git clone <repo> - Clone an existing repository
* git gc - Cleanup unnecessary files and optimize the local repository