

Git Cheat Sheet

**200 Commands With
Explanations & Examples**

By DevOps Shack

No.	Command	Description	Example	Context
1	git init	Initializes new Git repository	git init	Starting new project version control
2	git clone [url]	Clones a repository	git clone https://github.com/user/repo.git	Copying remote repository locally
3	git status	Checks repository status	git status	Checking current state of files
4	git add [file]	Stages files for commit	git add index.html	Preparing files for commit
5	git commit -m "message"	Commits staged changes	git commit -m "Initial commit"	Recording changes to repository
6	git push origin main	Pushes local commits to remote	git push origin main	Updating remote repository
7	git pull origin main	Fetches and merges remote changes	git pull origin main	Synchronizing with remote repository
8	git branch [branch-name]	Creates a new branch	git branch feature/login	Branching for new features
9	git checkout [branch-name]	Switches to specified branch	git checkout feature/login	Switching between branches
10	git merge [branch-name]	Merges branch into current branch	git merge feature/login	Integrating changes from different branch
11	git reset --hard HEAD~1	Reverts last commit completely	git reset --hard HEAD~1	Undoing last commit entirely
12	git revert [commit-hash]	Reverts a specific commit safely	git revert abc1234	Reversing changes without affecting history
13	git stash	Stashes current changes temporarily	git stash	Temporarily saving changes
14	git tag [tag-name]	Creates a new tag	git tag v1.0	Marking important versions/releases
15	git diff	Shows file changes unstaged	git diff	Reviewing changes before staging
16	git log	Displays commit history	git log	Viewing commit history
17	git fetch	Fetches updates from remote	git fetch origin	Updating local tracking branches
18	git remote -v	Lists remote repositories	git remote -v	Checking remote connections

19	git blame [file]	Shows who modified lines	git blame index.html	Tracing file modifications
20	git config --global user.name "[Your Name]"	Sets global username	git config --global user.name "John Doe"	Setup user identity globally
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