Git Command Cheat Sheet

Basic Git Commands

git init - Initialize a new Git repository

git clone <url> - Clone a repository

git status - Show status of changes

git add <file> - Add file to staging area

git commit -m "msg" - Commit changes

git log - Show commit history

git diff - Show file changes

Branching & Merging

git branch - List branches

git branch <name> - Create new branch

git checkout <branch> - Switch branches

git merge <branch> - Merge a branch

git switch <branch> - Switch branches (modern)

Remote Repositories

git remote -v - Show remotes

git remote add origin <url> - Add remote

git push -u origin <branch> - Push branch to remote

git pull - Fetch and merge from remote

git fetch - Fetch changes from remote

Undo & Reset

git restore <file> - Restore changes in file

git reset <file> - Unstage file

git reset --hard - Reset all changes hard

git revert <commit> - Revert a commit by creating a new one

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Stashing

git stash - Temporarily save changes

git stash list - List all stashes

git stash apply - Reapply stash

Viewing Info

git show - Show details of a commit

git blame <file> - Show who made which changes

git tag - Show tags

List All Commands

git help -a - List all available git commands

git --help - Show categorized git commands