**Git Commands Cheat Sheet**

# Basic Commands

git --version # to check the version of git which installed

git config --global --list # to display the identities

git config --global user.name "Name"

git config --global user.email "EmailID"

git init # Initialize a repository git clone <repo-url> # Clone a repository git status # Check repository status git config --list # View git configurations

# Adding & Committing

git add <filename> # Add file to repo

git add . # Add all files to repo

git commit -m "message" # Commit changes **Branching**

git branch <branch-name> # Create new branch

git checkout <branch-name> # Switch to branch

git checkout -b <branch-name> # Create & switch to new branch git branch # View branche

# Pushing & Pulling

git push origin <branch-name> # Push changes to remote git pull origin <branch-name> # Pull changes from remote

# Merging

git merge <branch-name> # Merge branch into current branch **History & Logs**

git log # View commit history git log --oneline # View short log

# Remote Repository

git remote add origin <url> # Add remote repo

git remote -v # View remote URLs

git remote remove <name> # Remove remote **Reset & Revert**

git reset <file> # Unstage file

git revert <commit-hash> # Revert commit