**Git Commands Table :-**

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| **Command** | Description |
| **git init** | Initializes a new Git repository in the current directory. |
| **git clone <repository\_url>** | Downloads an existing Git repository, including files, branches, and commit history, to your local machine. |
| **git status** | Shows the status of changes (untracked, modified, staged) in your working directory. |
| **git add <file\_name>** | Adds changes in a specific file to the staging area for the next commit. |
| **git add .** | Adds all changes in the working directory to the staging area. |
| **git commit -m "Your commit message"** | Commits the staged changes with a descriptive message, creating a snapshot in your project's history. |
| **git log** | Displays a chronological log of all commits, including commit messages, authors, dates, and unique identifiers. |
| **git branch <branch\_name>** | Creates a new branch without switching to it. |
| **git checkout <branch\_name>** | Switches to the specified branch. |
| **git checkout -b <new\_branch\_name>** | Creates and switches to a new branch in one command. |
| **git merge <branch\_name>** | Merges the specified branch into the current branch, combining changes from different branches. |
| **git pull origin <branch\_name>** | Fetches changes from a remote repository and merges them into the current branch. |
| **git push origin <branch\_name>** | Pushes your local commits to the remote repository, updating the shared history. |
| **git config --global user.name "Your Name"** | Sets your name for Git, identifying you as the author of commits. |
| **git config --global user.email "your.email@example.com"** | Sets your email for Git, associating it with your commits. |
| **Git config user.email “EmailId”** | Sets your email for Git, but only for a particular Repository. |