

Here's a **list of the most common and essential Git & GitHub commands** for everyday use, especially when working with repositories:

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## Basic Git Setup (one-time)

```
git config --global user.name "Your Name"
git config --global user.email "your@email.com"
```

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## 1. Clone a GitHub Repository

```
git clone https://github.com/username/repo-name.git
```

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## 2. Check Current Repo Status

```
git status
```

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## 3. Add Files to Staging Area

```
git add file.txt          # Add a specific file
git add .                  # Add all changes
```

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## 4. Commit Changes

```
git commit -m "Your commit message"
```

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## 5. Push Changes to GitHub

```
git push origin main      # Push to the main branch
```

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## 6. Pull Latest Changes from GitHub

```
git pull origin main
```

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## 7. Create a New Branch

```
git checkout -b new-branch-name
```

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## 8. Switch Between Branches

```
git checkout main
```

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## 9. Merge a Branch into Main

```
git checkout main  
git merge new-branch-name
```

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## 10. Add a Remote Repository

```
git remote add origin https://github.com/username/repo.git
```

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## 11. View Commit History

```
git log
```

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## 12. Remove a File from Git and Disk

```
git rm file.txt
```

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