

## ✅ Day 2: GitHub CLI (gh) = Power Moves

👤 Created by: Deep Ghinaiya

💼 Software Developer

🔗 [linkedin.com/in/deep-ghinaiya](https://www.linkedin.com/in/deep-ghinaiya)

### 📌 What Is It?

The **GitHub CLI** (gh) is a powerful command-line tool that lets you **interact with GitHub directly from your terminal**.

No need to switch to the browser — you can create issues, pull requests, clone repos, and even review code — all via commands.

This tool is a **must-have for developers** who want speed, control, and automation while working with GitHub.

### 💡 Why It's Useful

- 🚀 Speeds up common GitHub tasks without leaving your terminal
- 🛠️ Ideal for power users and automation workflows
- 💻 Great for scripting GitHub operations
- ✅ Clean UI and works seamlessly with Git & GitHub

### 🔧 How to Set It Up (Step-by-Step)

#### ◆ Step 1: Install GitHub CLI

Based on your OS:

- **Windows:**  
Download from <https://cli.github.com/>  
Or use:

- `winget install --id GitHub.cli`
- **macOS:**
- `brew install gh`
- **Linux (Debian/Ubuntu):**
- `sudo apt install gh`

For other systems, follow: <https://cli.github.com/manual/installation>

## ◆ Step 2: Authenticate with GitHub

After installation, run:

`gh auth login`

- Select **GitHub.com**
- Choose **HTTPS** (recommended)
- Authenticate via **web or token**
- Once authenticated, you're ready to go!

## 💡 Useful Commands

Action	Command
Clone a repo	<code>gh repo clone owner/repo-name</code>
Create a new repo	<code>gh repo create</code>
View issues	<code>gh issue list</code>
Create an issue	<code>gh issue create</code>
View pull requests	<code>gh pr list</code>

Action	Command
Create a pull request	gh pr create
Checkout a PR	gh pr checkout <number>
Open repo in browser	gh repo view --web

## ✓ Example Usage

# Clone a repo

```
gh repo clone Ghinaiya-Deep/GitHub-Dev-Series-15-Days-of-Tips-Tricks
```

# Create a new issue

```
gh issue create --title "Fix README typo" --body "There's a small typo on line 3"
```

# View all pull requests

```
gh pr list
```

## 🧠 Pro Tips

- Combine with git to become a **GitHub ninja**
- Use it in CI/CD scripts and shell automation
- Great for managing projects, teams, and contributions without the web UI

## 🔗 Resources to Explore

- GitHub CLI Manual: <https://cli.github.com/manual/>
- GitHub CLI Repo: <https://github.com/cli/cli>

## **Final Thought**

"The GitHub CLI isn't just a tool — it's your terminal superpower. Code faster. Collaborate smarter."