✅ Day 13: GitHub CLI – GitHub from Your Terminal

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📌 What Is It?

GitHub CLI (gh) is a powerful command-line tool that lets you **interact with GitHub directly from your terminal** — no need to open the browser for pull requests, issues, repos, or releases.

You can manage your entire GitHub workflow without ever leaving your shell.
Fast, clean, and productive.

💡 Why It's Useful

- 🧠 Create issues, PRs, discussions without leaving terminal

- ✅ Merge PRs, close issues, and add comments from CLI

- 🔄 Clone and fork repositories with one command

- ⚙️ Automate GitHub workflows in your scripts or DevOps pipelines

- 🔍 Great for productivity lovers and terminal-first developers

🛠️ How to Install

macOS:

brew install gh

Ubuntu/Linux:

sudo apt install gh

Windows:

- Use winget install --id GitHub.cli

Or follow instructions: https://cli.github.com/manual/installation

🧪 Popular Commands

Command	Description
gh repo clone user/repo	Clone a repo
gh repo create	Create a new repo
gh pr create	Open a pull request
gh pr view --web	Open PR in browser
gh issue list	List open issues
gh issue create	Create a new issue
gh auth login	Authenticate with GitHub

💻 Example: Create a New PR from Terminal

gh pr create --base main --head feature-branch --title "Add login feature" --body "Implements secure login"

No need to switch windows or write a PR manually — it's all done in one go!

🧠 Pro Tips

- Combine gh with bash scripts to automate workflows

- Use gh alias to create your own custom GitHub commands

- Integrate with fzf or terminal UIs for faster navigation

- GitHub CLI works with both public and private repos

🔗 Resources to Explore

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

- GitHub CLI Repo: https://github.com/cli/cli

🙌 Final Thought

"If your hands live in the terminal, bring GitHub there too. Speed, focus, and control — all in one place."