1-Week Git + GitHub Learning Plan (Free Resources Included)

This 7-day plan will help you learn Git and GitHub from scratch using only **free resources**. You'll practice daily, build confidence with version control, and push real code to GitHub by the end of the week.

Day 1 – Introduction to Git & Setup

- Learn what version control is and why Git is used.
- Install Git on your computer (https://git-scm.com/downloads).
- Set up Git username and email using terminal.
- ■ Resource: FreeCodeCamp – 'Git and GitHub for Beginners' article: https://www.freecodecamp.org/news/git-and-github-for-beginners/

Day 2 – Basic Git Commands

- Learn commands: git init, git status, git add, git commit.
- Understand what a repository is.
- ■ Resource: Atlassian Git Tutorials – https://www.atlassian.com/git/tutorials

Day 3 – Working with Repositories

- Create a GitHub account (https://github.com).
- Create your first repository and push code from your local system.
- Learn git push, git pull, git remote, git clone.
- ■ Resource: GitHub Docs – https://docs.github.com/en/get-started

Day 4 – Branching and Merging

- Learn to create and switch branches.
- Practice merging and resolving conflicts.
- Commands: git branch, git checkout, git merge.
- ■ Resource: Atlassian Branching Guide – https://www.atlassian.com/git/tutorials/using-branches

Day 5 – Collaboration & Pull Requests

- Learn how to fork a repository and make pull requests.
- Understand open-source contribution workflow.
- ■ Resource: GitHub Learning Lab – https://lab.github.com

Day 6 – Advanced Concepts

- Learn about .gitignore, stashing, and reverting commits.
- Understand rebasing vs merging.
- ■ Resource: FreeCodeCamp YouTube – Git & GitHub Crash Course.

Day 7 – Final Project & Practice

- Create a small project (e.g., personal portfolio or to-do app).
- Initialize Git, make commits, push to GitHub.
- Write a README.md file for your project.
- ■ Bonus: Codecademy's Free Git Course – https://www.codecademy.com/learn/learn-git

■ Tips for Success

- Practice commands daily in your own project folders.
- Keep your terminal open while learning — experiment freely.
- Push at least one project to GitHub before the week ends.
- Follow a YouTube playlist for visual understanding (Traversy Media / FreeCodeCamp).