Git & GitHub Learning Guide (via W3Schools)

Estimated Time to Learn from W3Schools Git Tutorial

Section	Topics	Time Needed
Intro + Setup	Git Intro, Install, Version	15-20 mins
Basics	Git Init, Add, Commit, Status, Log	45-60 mins
Branching	Git Branch, Switch, Merge	1-1.5 hours
Remote GitHub	Push, Pull, Clone, GitHub Setup	1.5-2 hours
Advanced + Undo	.gitignore, Revert, Reset, Amend	1-1.5 hours
Contribute	Fork, Pull Requests	45 mins-1 hour
Practice	Exercises + Mini Projects	1-2 hours

Learning Plan Suggestion (3 Days)

Day 1 (2-3 hrs)

- Basics (Init -> Log)

- Setup GitHub account & link a repo

Day 2 (2-3 hrs)

- Branching & Merging (with conflict practice)

- Push, Pull, and Clone from GitHub

Day 3 (2-3 hrs)

- Revert, Reset, Undo practice

- Try contributing (Fork + PR)

- Take Git Exercises on W3

Bonus Tips

- Follow along on your own project or a dummy folder (`git-practice`)

- Try combining W3 with GitHub Desktop or VSCode Git GUI (optional)

- Use `git log --oneline --graph --all` to visually understand history

Git & GitHub Learning Guide (via W3Schools)

Outcome

By the end of this, you'll be confidently able to:

- Manage branches and merges

- Push and pull to GitHub

- Handle conflicts

- Contribute to open-source projects using PRs