



Manage the lifecycle of your projects on GitHub

5 hr 58 min • Learning Path • 6 Modules

IntermediateDevOps EngineerAdministratorDeveloperSolution ArchitectGitHub

Take full control of your GitHub projects. Through work planning and tracking, effective branching strategies, and extending GitHub through its API, manage releases all the way from idea to working software in the hands of your users.

In this learning path, you'll learn how to:

- Use GitHub project boards to plan and track work.
- Package, version, and deliver software releases to consumers.
- Choose a branching strategy that enables team members to work in parallel.
- Resolve conflicts in code changes from multiple contributors.
- Use the GitHub API and GitHub Apps to build tools that improve your processes.
- Explore the history of your GitHub repository through issues, pull requests, and search.

Prerequisites

- A [GitHub](#) account

Save

Modules in this learning path



Introduction to GitHub

1 hr 12 min • Module • 5 Units

★★★★★ 4.8 (4,462)

Learn to use key GitHub features, including issues, notifications, branches, commits, and pull requests.

Overview

600 XP

Save



Manage software delivery by using a release based workflow on GitHub

1 hr 44 min • Module • 5 Units

★★★★★ 4.8 (1,184)

Learn to implement a release based workflow on GitHub using project boards, branches, and releases.

Overview

600 XP

Save



Manage repository changes by using pull requests on GitHub

49 min • Module • 5 Units

★★★★★ 4.8 (1,218)

Learn how to manage changes to your repository source by using pull requests.

Overview

600 XP

Save



Settle competing commits by using merge conflict resolution on GitHub

52 min • Module • 5 Units

★★★★★ 4.8 (1,094)

Learn to settle overlapping commits across branches by using merge conflict resolution.

Overview

600 XP

Save



Automate DevOps processes by using GitHub Apps

43 min • Module • 6 Units

★★★★★ 4.8 (1,026)

Optimize the value of GitHub Apps and features to manage users in your workflow to help speed up your processes while maintaining efficiency, security, and reliability.

Overview

700 XP

Save



Search and organize repository history by using GitHub

38 min • Module • 5 Units

★★★★★ 4.8 (1,009)

Learn to search and organize repository history by using filters, blame, and cross-linking on GitHub.

Overview

600 XP

Save