



Git and GitHub

Description:

Version control is a basic skill you need to thrive as a developer, whether you're just starting started with software development, looking for a developer job, or simply brushing up on your skills. Git (a version control system) and Github (a cloud service for Git controlled projects) make an excellent pair for creating and maintaining a well-structured project history!

Start Date:

Doubt Clear Time:

Course Time:

Features:

Course material

Course resources

On demand recorded videos

Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Git foundation

Setting, maintaining and tracking git repos

Git snapshots

Git for team management

Git branches

Git merging

Git and Github ecosystem

Tags and tickets

Requirements:

System with minimum i3 processor or better

At least 4 GB of RAM

Working internet connection

Dedication to learn

Instructor:

Name:

Hitesh Choudhary

Description:

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for

companies. I am also on a part time traveller, with 31 countries checked off so far!

>Why we need GIT:

- >>Why GIT is important

- >>Collaboration and Forking

- >>Installation of GIT

- >>Autocompletion of GIT

>Git foundation:

- >>GIT Architecture and Github Gitlab and bitbucket

- >> Initializing and exploring GIT

- >>First commit and log messages

- >>Git checksum and SHA-1

- >>Understanding HEAD and Checksum

>Getting into files:

- >>Lets do it again

- >>Track difference between files

- >>Delete from repos

- >>repo reset and unstaging

- >>Can we reset commits?

>Git Snapshots:

>>checkout with previous versions

>>Soft, Mixed and Hard reset

>> Ignoring the files

>>What to ignore

>>Gitignore will not listen

>>This is not even in git docs

>GIT for team managements:

>>Git tree listing

>> Git log in detail

>GIT branches:

>> Git Branching basics

>>Creating a new branch in GIT

>>Checkout branches

>>RD of branches in GIT

>GIT Merging:

>>Basics of Merging in GIT

>>Fast forward

>>Conflicts and merging in GIT

>>Stashing a branch

>>Stashing in multiple branches

>>Clean your stash

>GIT and GitHub:

>> GIT online hosting

>>Creating a repo at Github

>>Uploading local repo to remote repo

>>Push for a remote collab

>>Merging from origin master

>>Assisting on open source projects

>Tags and Tickets:

>>Concepts of tickets and tags

>>Pushing tags to Github