

GIT & GITHUB INTERVIEW QUESTIONS

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MITHUN SOFTWARE SOLUTIONS

Bangalore

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| **Web site** | [**http://mithuntechnologies.com**](http://mithuntechnologies.com/) |  |
| **Git & GitHub Interview Questions**  What is git?  **Ans)**  What is the difference between git and GitHub?  **Ans)**  What is the abbreviation of VCS?  **Ans)**  What is the abbreviation of SCM?  **Ans)**  Write down 5 SCM names?  **Ans)**  What is Branch?  **Ans)**  What is tag?  **Ans)**  What is the difference between Branch and Tag?  **Ans)**  When we will create the branch and when we will the create tag?  **Ans)**  What is “git add” command will do?  **Ans)**  What is the command to revert the code from staging area to working area?  **Ans)**  What is the git revert command?  **Ans)**  What is the difference between fetch and pull in Git?  **Ans)**  How to see how many branches are currently available in git repo?  **Ans)**  What is the command to create the branch?  **Ans)**  How to switch from branch to another branch?  **Ans)**  How to create branch and how to switch to that branch in one command?  **Ans)**  **© All rights Reserved by Mithun Technologies** [**devopstrainingblr@gmail.com**](mailto:devopstrainingblr@gmail.com)1 | | | | | |

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| What is the command to delete the branch in local repo?  **Ans)**  What is the command to delete branch in remote repo?  **Ans)**  What is the branching strategy you are following?  **Ans)**  What is git stash command?  **Ans)**  What is git cherry-pick ?  **Ans)**  What does git rebase?  **Ans)**  What is PAT?  **Ans)**  What is SSH key and how to generate ssh-key?  **Ans)**  What is the default path for ssh keys?  **Ans)**  How many file will generate if you create ssh keys and what are the file names?  **Ans)**  What is the difference between git & GitHub?  **Ans)**  What are the git best practices while committing the code need to follow?  **Ans)**  How to change git commit message after push (given that no one pulled from remote)?  **Ans)**  How to rename the branch name?  **Ans)**  What is the command to get the code from remote git repo?  **Ans)**  How to check the particular branch from github?  **Ans)**  What is the command to see all git messages in local repo?  **Ans)**  How to create the repository in git?  **Ans)**  **© All rights Reserved by Mithun Technologies** [**devopstrainingblr@gmail.com**](mailto:devopstrainingblr@gmail.com)2 | | | | | |

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| How to check if a branch is already merged with any branch or not?  **Ans)**  What is SubGit?  **Ans)**  In Which language Git is developed?  **Ans)**  What is the difference between git merge and git rebase?  **Ans)**  What is the difference between git reset and git revert?  **Ans)**  What is the git workflow?  **Ans)**  How you will migrate the projects from SVN to GitHub?  **Ans)**  What is merge conflicts? Have you resolved the merge conflicts?  **Ans)**  How to see how many files are committed in one particular commit id?  **Ans)**  What is git hooks? Can you name some git hooks?  **Ans)**  What is .gitignore file?  **Ans)**  What is git bare and git non bare repository, use cases?  **Ans)**  What is the git command to create the achieve files?  **Ans)**  What is git prune, Mirroring and git repack commands?  **Ans)**  What are the git objects?  **Ans)**  What is Version control system or Source code manager?  **Ans)**  Benefits of VCS or SCM?  **Ans)**  What is a repository in GIT?  **© All rights Reserved by Mithun Technologies** [**devopstrainingblr@gmail.com**](mailto:devopstrainingblr@gmail.com)3 | | | | | |

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| **Ans)**  Difference between Git and SVN?  **Ans)**  What are the two types of git authentication?  **Ans)**  What are the branches in Git and its purpose?  **Ans)**  What is the common branching pattern in GIT?  **Ans)**  What is Pull requests?  **Ans)**  How to install git in Linux & Windows?  **Ans)**  How to setup repository though command line?  **Ans)**  How to setup repository in github and clone it?  **Ans)**  What is git clone command used for?  **Ans)**  What is git config command used for?  **Ans)**  Git config data is stored in what location?  **Ans)**  Git config global and local files?  **Ans)**  Content of git config file?  **Ans)**  git add command’s purpose?  **Ans)**  How to remove/rename files in local git repo?  **Ans)**  What is the git commit command purpose?  **Ans)**  How to sync local git repo data with github?  **Ans)**  **© All rights Reserved by Mithun Technologies** [**devopstrainingblr@gmail.com**](mailto:devopstrainingblr@gmail.com)4 | | | | | |

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| How to change branches in local git repo?  **Ans)**  What is the difference between ‘git remote’ and ‘git clone’?  **Ans)**  git status?  **Ans)**  What is the function of ‘git rm’?  **Ans)**  What is the function of ‘git checkout’ in git?  **Ans)**  What is the use of ‘git log’?  **Ans)**  Explain what is commit message?  **Ans)**  How to setup github ssh authentication?  **Ans)**  What is git webhooks?  **Ans)**  Tell me the branching strategies you followed for your project?  **Ans)**  What is git rebase?  **Ans)**  What is git stash?  **Ans)**  What is the difference between git pull and git fetch?  **Ans)**  Difference between git and svn?  **Ans)**  What is the difference between "git checkout " and "svn checkout " commands?  **Ans)**  Advantages of git over with svn?  **Ans)**  Explain about staging area in git?  **Ans)**  How do you check after git merge …where merging is correctly or not?  **Ans)**  **© All rights Reserved by Mithun Technologies** [**devopstrainingblr@gmail.com**](mailto:devopstrainingblr@gmail.com)5 | | | | | |

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| How to create branch and delete a branch?  **Ans)**  Do you get any conflicts while merging? If yes, How can u resolve conflicts?  **Ans)**  How can u implement authentication and authorization in git?  **Ans)**  What is the difference between git rebase and git merge?  **Ans)**  How to merge the code?  **Ans)**  Pull request in git hub git pull  **Ans)**  Forking a repository in git hub?  **Ans)**  What is forking in git repositories?  **Ans)**  Explain about soft and hard reset and their difference?  **Ans)**  What kind of branching and merging you worked on GIT.  **Ans)**  What is tagging in GIT and what is the diff between feature branching and tagging?  **Ans)**  how to merge the code  What are the git commands you use?  **08/10/2020 -- Wipro questions:**  What is GIT Stash  Git Merge and GIT Pull, Diff between Git and SVN?  **© All rights Reserved by Mithun Technologies** [**devopstrainingblr@gmail.com**](mailto:devopstrainingblr@gmail.com)6 | | | | | |