

GIT/GITHUB Training

Level - Advance



December 1, 2022

Cotocus Ltd.

Bangalore, India

|  |  |
| --- | --- |
| Training Days | 5 Days |
| Time | TBD |
| Trainer Name | Rajesh Kumar |
| CV | https://www.rajeshkumar.xyz/cv/ |

Agenda

Day 1

* What is Git?
* Installing Git
* Getting Started
* Git Concepts and Architecture
* Navigating the Commit Tree
* Remotes
* Making Changes to Files
* Undoing Changes
* Ignoring Files
* Branching
* Merging Branches

URL - https://www.devopsschool.com/courses/git/git-essential-training.html

Day 2

**System overview**

* Setting up a GitHub Enterprise instance
* Configuring the GitHub Enterprise appliance
* Configuring your GitHub Enterprise network settings
* Monitoring your GitHub Enterprise appliance
* Updating the virtual machine and physical resources
* Configuring GitHub Enterprise for high availability
* Configuring Git Large File Storage on GitHub Enterprise

**GitHub Enterprise User Management Guide**

* Authenticating users for your GitHub Enterprise instance
* Basic account settings
* Organizations and teams
* User security
* Repositories

URL - https://www.devopsschool.com/courses/github/github-advance-training.html

Day 3

**GitHub Enterprise User Training**

* Exploring projects on GitHub
* Setting up and managing your GitHub user account
* Authenticating to GitHub
* Setting up and managing your GitHub profile
* Writing on GitHub
* Receiving notifications about activity on GitHub
* Setting up and managing organizations and teams
* Creating, cloning, and archiving repositories
* Managing files in a repository
* Working with non-code files
* Managing Large Files
* Searching for information on GitHub
* Collaborating with issues and pull requests
* Managing Repository Collaborators
* Managing Remotes
* Visualizing repository data with graphs
* Importing your projects to GitHub
* Managing your work on GitHub
* Administering a repository
* Gists
* Wiki
* GitHub Pages Basics
* Customizing GitHub Pages

URL - https://www.devopsschool.com/courses/github/github-advance-training.html

Day 4

Migrating user, organization, and repository data

* Exporting migration data from GitHub Enterprise
* Exporting migration data from GitHub.com
* Importing migration data to GitHub Enterprise
* Importing data from third-party version control systems

GitHub Enterprise Clustering Guide

* Clustering overview
* Differences between Clustering and High Availability (HA)
* Setting up the cluster instances
* Managing a GitHub Enterprise cluster

Day 5

GitHub Enterprise Developer Workflow Guide

* Blocking force pushes
* Using webhooks for continuous integration
* Using pre-receive hooks to enforce policy
* Establishing pull request merge conditions
* Connecting GitHub Enterprise and GitHub.com

Working with GitHub Support

* About GitHub Enterprise Support
* About GitHub Premium Support
* Receiving help from GitHub Support

URL - https://www.devopsschool.com/courses/github/github-advance-training.html