

Git Training

Level - Essentials



March 23, 2023

Cotocus Ltd.

Bangalore, India

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| Training Dates | TDB |
| Time | Days | 1 Days |
| Trainer Name | Rajesh Kumar  https://www.rajeshkumar.xyz/cv/ |

Trainer Agenda

Day 1

## Morning Session

**Introduction to Git (1 hour)**

* What is Git?
* Why use Git?
* Basic concepts of version control
* Git workflow

**Working with Git Locally (2 hours)**

* Initializing a Git repository
* Adding and committing changes
* Viewing the commit history
* Reverting changes
* Branching and merging

**Working with Remote Repositories (1 hour)**

* Cloning a remote repository
* Pushing and pulling changes
* Collaborating with others

## Afternoon Session

**Advanced Git Techniques (2 hours)**

* Resolving merge conflicts
* Git rebase
* Stashing changes
* Undoing changes

**Best Practices for Git (1 hour)**

* Commit messages
* Branch naming conventions
* Code reviews
* Git workflows

**Wrap-up (30 minutes)**

* Recap of the day's training
* Q&A session