



## GIT

### **Description:**

The Git course will teach you how to utilise the Git version management system in a hands-on manner. Git is a collaborative file management system for large and small projects. As a result, the team can develop its product regularly.

### **Start Date:**

### **Doubt Clear Time:**

### **Course Time:**

### **Features:**

# Source code

# Downloadable resources

# Quizzes

# Completion certificate

### **What we learn:**

# Git Introduction

# Git Commands

# Git Branching

# Merging

# Tagging

# Rebasing

## **Requirements:**

# Prior knowledge of Linux

# A System with good internet connection

# Your dedication

## **Instructor:**

### **Name:**

Sourangshu Pal

### **Description:**

Visual Computing Engineer and instructor at iNeuron.ai having 3 years of diverse experience in the discipline of visual computing with specialization in Deep Learning and Computer Graphics. Loves to analyze, process, and model visual data then interpret the insights to create actionable plans for solving challenging business problems.

### **>Git Introduction:**

>>Git Introduction

>>What is Version Control?

>>Types of Version Control

>>What is Git?

>>Why Git?

>>Git Installation in Windows

>>Git Installation in Linux

>>Git Setup

>>Git Terminologies

## **>GIT Repository:**

>>Repositories in GIT

>>Creating Repository

>>Checking Repository History

>>Doing Commits

>>Git Diff

>>Git Restore

>>Git Ignore

## **>Git Commands:**

>>Tagging

>>Branching

>>Branching Practicals

>>Merging

>>Merge Conflicts

## **>Git Branching:**

- >>Remote Repository
- >>Cloning Repository
- >>Working with Remote Repository
- >>Pushing to Remote Failed in Github
- >>Personal Access Token Setup in Windows
- >>Personal Access Token Setup in Linux
- >>Pull Request
- >>GIT Fetch & Pull
- >>Fork

## **>Rebasing:**

- >>Rebasing
- >>Interactive Rebasing
- >>Git Rewrite History
- >>Git Rewrite History continued
- >>Cherry Picking

## **>Outro:**

- >>Modify Recent Commits
- >>Git Revert
- >>Git Checkout
- >>Git Reset
- >>Git Stash

>>Git Reflog

>>Course Outro