Git – Fundamentals

Description

This course is designed to be a comprehensive approach to Git, which means no prior knowledge or experience is required but students will emerge at the end with a very solid understanding and hands-on experience with Git and related source control concepts.

Reference
GIT-01
Course Content
Module 1: Introduction

- Git Installation
- Git Quick Start
- Text Editor Installation

Module 2: Basic Git Commands

- Visual Merge/Diff Tool Installation
- Comparisons
- Branching and Merging

Module 3: Advanced Git Commands

- Rebasing
- Stashing
- Tagging

Module 4 : Extra (if time permits)

- Reset and Reflog
- Compare Branches via GitHub
- Compare Branches via Command Line

Documentation

- Digital courseware included

Participant profiles

- Anyone interested in using source control and specifically Git
- Software engineers, developers, programmers new to Git
- IT Managers or technical leads considering Git for version control on their teams
- Freelancers or other creative professionals

Prerequisites

- Basic computer skills
- Ability to install software on your computer
- Admin rights may be required for software installation

Objectives

- Learn the key concepts of the Git source control system
- Step through the entire Git workflow
- Compare the different states in Git and compare between branches and commits
- Manage files with Git (move, rename, delete) and update files managed outside Git
- Create and fork repositories on GitHub and push changes back after working after working on them locally
- Create branches and resolve merge conflicts like a pro

Niveau
Fondamental
Classroom Registration Price (CHF)
900
Virtual Classroom Registration Price (CHF)
850
Duration (in Days)
1