GitLab Certified Associate

Duration: 2 Days (8Hours per day)

Module 1 – GitLab Overview

What is GitLab?
Sequential DevOps vs Concurrent DevOps
GitLab Flows
GitLab Recommended Process
GitLab Components
Demo: GitLab Features

Module 2 – GitLab Components & Navigation

GitLab Organization
GitLab Epics
Issue: The Starting Point for your workflow
GitLab Workflow Example
Demo: GitLab Components

Module 3 – Git Basics

What is Git?
Centralized vs Distributed VCS Architecture
Git Key Terms
Why Git is So Popular
Common Commands
Basic Git Workflow within GitLab
Demo: Working Locally with Git

Module 4 – Basic Code Creation in GitLab

Code Review: Typical Workflow
Code Review Workflow – GitLab Tools To Use
Demo: Merge Request in GitLab
Demo: Assigning, Reviewing, and Approving in GitLab
Demo: Additional Tools for Working with Code

Module 5 – GitLab's CI/CD Functions

What is CI/CD?
CI/CD Advantages
GitLab Flow
GitLab CI/CD Key Ingredients
Anatomy of a CI/CD Pipeline
Demo: Building a CI/CD Pipeline

Module 6 – GitLab's Package and Release Features

What are Package and Container Registries?
Release Feature in GitLab
What is Auto DevOps?

Module 7 – GitLab Security Scanning

Demo: Using Static Application Security Testing