# Course Overview

## Course Details

**Course Name:** GitLab: The Complete DevOps Platform

**Instructor:** Maria Garcia

**Created On:** 16 June, 2025

**Updated On:** 16 June, 2025

**Price:** 5000 INR

**Duration:** 5 weeks

**Modules:** 7

**Language:** English, Hindi

**Level:** Intermediate

**Certifications:** Yes

# Course Description

Go beyond simple version control and discover GitLab, a single application for the entire DevOps lifecycle. This course provides a comprehensive overview of GitLab's powerful features, showing you how to manage projects, collaborate on code, and automate your build, test, and deployment pipelines.

We cover source code management using Git, collaboration through Merge Requests and code reviews, and project planning with GitLab's issue tracking and boards. The highlight of the course is a deep dive into GitLab's built-in CI/CD, where you'll learn to create powerful, automated pipelines to deliver your software faster and more reliably.

**What You'll Learn:**

- Source Code Management and Merge Requests.
- Project management with Issues, Epics, and Boards.
- Building automated pipelines with GitLab CI/CD.
- Using the Container Registry.
- An overview of security scanning features.

**Who Is This Course For?**

This course is for developers and teams looking for an all-in-one DevOps solution. It's particularly useful for those in enterprise environments where a single, integrated platform is preferred.

# Course Curriculum Details

### Module 1: Module 1: Introduction to GitLab
**2 Lessons**

1. What is GitLab?   **15min**

2. GitLab's Interface: Projects, Groups, and Subgroups   **25min**

### Module 2: Module 2: Source Code Management
**1 Lessons**

1. The Merge Request Workflow   **30min**

### Module 3: Module 3: Project Management
**1 Lessons**

1. Issues, Labels, and Milestones   **30min**

## Module 4: Module 4: Introduction to GitLab CI/CD

**2 Lessons**

1. Core CI/CD Concepts   **20min**

2. Your First `.gitlab-ci.yml` File   **35min**

## Module 5: Module 5: Runners and Pipelines

**2 Lessons**

1. Understanding GitLab Runners   **25min**

2. Pipelines, Stages, and Jobs   **30min**

## Module 6: Module 6: Advanced CI/CD

**1 Lessons**

1. Variables and Artifacts   **30min**

## Module 7: Module 7: Final Project

**1 Lessons**

1. Set Up a Complete Project with Issues and a CI Pipeline   **1hr 30min**

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*This curriculum is subject to minor adjustments to ensure the most up-to-date and effective learning experience.*