

Architecting CI/CD Pipelines and Automations

Price: 2595

Duration:

Delivery Methods: Virtual

Overview

This course covers what attendees need to design successful CI / CD pipelines using a variety of popular platforms including GitHub Actions, GitLab CI/CD, and Jenkins. Students will write a variety of code including Python and Ansible scripting, that will trigger a variety of automated behaviors upon git commits and pull (or merge) requests. Some of the triggered DevOps automations include testing, running scripts, building and releasing containerized services. DevSecOps paradigms include running security apps such as password and token detection, as well as other popular DAST and SAST tools.

Objectives

- Custom CI/CD workflows for seamless automation
- Manage project flows with Python, Ansible, and Go
- Enhance team collaboration and code advancement
- Use Git & GitHub Actions for builds, tests, and deployment
- DAST and SAST tools relating to DevSecOps practices
- AI LLM prompt engineering for relevant configuration snippets and solutions

Audience Profile

- This course is applicable training for all persons looking to understand how CI / CD automated processes tie into Software Control Management (SCM) techniques
- DevOps Engineers

- Software Developers
- Marketing and Sales Engineers
- Managers and Directors
- Quality Assurance & Site Reliability Professionals

At Course Completion

By the conclusion of this course, attendees will learn to use Git GitHub, GitLab, and Jenkins to manage and automate the release of code:

- Building custom Continuous Integration (CI) and Continuous Deployment (CD) workflows
- Take control of project flows build Python, Ansible, and GoLang applications
- Practice team collaboration methods for projects and advancing code
- How Git and GitHub actions can trigger builds, testing, and deployment of container images to production environments, such as Azure App service, and Kubernetes
- DAST and SAST tools relating to DevSecOps practices
- AI LLM prompt engineering for relevant configuration snippets and solutions

Course Schedule

Date	Time	Price	Options
06/10/2026	09:00 AM - 05:00 PM CT	2,595.00	Buy Now Enroll
07/22/2026	09:00 AM - 05:00 PM CT	2,595.00	Buy Now Enroll
09/28/2026	09:00 AM - 05:00 PM CT	2,595.00	Buy Now Enroll
12/02/2026	09:00 AM - 05:00 PM CT	2,595.00	Buy Now Enroll

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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

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What is your late policy?

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What happens when I finish my class?

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