

## CI/CD with Tekton (LFS274)

Master Tekton installation, configuration, task automation, pipeline creation, triggers, and extensions.

**Duration:** 2 Days

### Prerequisites for this course

- Be familiar with containerization concepts (preferably Docker), YAML syntax, and version control systems like Git
- Have a basic understanding of Kubernetes and its core concepts (pods, services, deployments), the software development life cycle, and basic Linux command line operations
- Have basic knowledge of the Slack communication tool

### Outline for this course

Chapter 1 – Course Introduction

Chapter 2 – Getting Started with Tekton

Chapter 3 – Installation and Configuration

Chapter 4 – Tasks

Chapter 5 – Pipelines

Chapter 6 – Triggers

Chapter 7 – Tekton Dashboard Extensions

Chapter 8 – Automating Pipeline Execution with Triggers

Chapter 9 – Lab Exercises