

## **Dapr with WebAssembly (LFD233)**

Learn how to develop Rust web services using WebAssembly, connect them with Dapr to enhance application capabilities, and securely manage application states, configurations, and secrets. Master deploying your applications on Kubernetes, using Dapr's WebAssembly support for optimized development workflows.

**Duration:** 1 Day

### **Prerequisites for this course**

In order to complete this course, learners should be able to:

- You should be familiar with Linux basics and command-line interface operations, have an introductory knowledge of Kubernetes, be familiar with Rust programming, and understand cloud native principles.

### **Outline for this course**

Chapter 1 - Course Introduction

Chapter 2 - Dapr Overview

Chapter 3 - Building a WASM Web Service

Chapter 4 - Dapr with WasmEdge

Chapter 5 - State Management and Pub Sub

Chapter 6 - Dapr Applications on Kubernetes

Chapter 7 - Configuration and Secret Management

Chapter 8 - Input and Output Bindings

Chapter 9 - Running WASM in Dapr