

Kubernetes for App Developers (LFD459)

Learning to build Kubernetes applications will open up career opportunities in high-demand roles in DevOps, cloud engineering & containerization roles. Using Python, this course teaches how to define application resources & use core primitives to build, monitor & troubleshoot scalable applications in Kubernetes — including working with network plugins, security & cloud storage to deploy applications in a production environment.

Duration: 3 Days

Prerequisites for this course

- Linux concepts and command line – We recommend the free course Introduction to Linux
- Package managers
- Git and GitHub
- We recommend the free course Introduction to Kubernetes as a good start for your Kubernetes journey

Outline for this course

Chapter 1 – Course Introduction

Chapter 2 – Kubernetes Architecture

Chapter 3 – Build

Chapter 4 – Design

Chapter 5 – Deployment Configuration

Chapter 6 – Understanding Security

Chapter 7 – Exposing Applications

Chapter 8 – Application Troubleshooting