

Kubernetes for App Developers (LFD459)

3jouis / 21h

Target audience

- Containerize and deploy a new Python script
- Configure the deployment with ConfigMaps, Secrets and SecurityContexts
- Understand multi-container pod design
- Configure probes for pod health
- Update and roll back an application
- Implement services and NetworkPolicies
- Use PersistentVolumeClaims for state persistence
- And more

Prerequisites

This course is designed to be vendor- and distribution-neutral, so you will be able to apply these concepts universally.

Course Outline

To get the most out of this course, you should have basic Linux command line and file editing skills and be familiar with using a programming language (such as Python, Node.js, Go). A knowledge of Cloud Native application concepts and architectures (such as is taught in the free Introduction to Kubernetes edX MOOC) is helpful for this course.