

Workshop overview

Welcome to the cloud native journey! This program is for Java Spring Boot Developers using Kubernetes for deploying their applications.

The program is focused on enabling advanced software developers and solution architects to quickly ramp up their kubernetes skills for development and production. If you are already certified in CKAD, this will help you take things further in the transformation journey.

However, this program does not focus on the administrative aspects of Kubernetes.

You will learn how to Develop and Deploy a Microservices Application on Kubernetes . In addition, you will be exposed to some of the Agile practices such as - test driven development, continuous integration/delivery, pair-programming.

Labs

1. [Building a Spring Boot Application](#)
2. [Dockerize](#)
3. [Kubernetize](#)
4. [Working with Config Maps](#)
5. [Build Pipelines \(CI/CD\)](#)
6. [Design & Develop Database Tier](#)
7. [Design & Develop Service Tier](#)
8. [Logging and Monitoring](#)
9. [Scalability & Availability](#)
10. [Category Microservice](#)
11. [Service Discovery in a Distributed Application](#)