Kubernetes - Containerizing Applications in the

Structured technical training and certification preparation

A practical, student-friendly outline covering course Overview, basics of Kubernetes, kubernetes Design and Architecture, deployments, and cou...

MODULES

5

LESSONS

34

FORMAT

Self-paced

Module Breakdown

MODULE 1	**MODULE 2**
Course Overview	**Basics of Kubernetes**
Course Overview Course PreReqs	Basics of Kubernetes What is Kubernetes Business Value of Kubernetes What is a Container What is Docker Kubernetes History Kuberntes Terminology Kubernetes Components Whiteboard - Kubernetes Overview
MODULE 3	**MODULE 4**
Kubernetes Design and Architecture	**Deployments**
Kubernetes Design and Architecture Kubernetes Design Fundamentals Whiteboard - Kubernetes Architecture Deployment - Nodes, Pods, and Clusters Etcd Kubectl Demo - Install Kubectl Demo - Kubernetes Commands Demo - Kubernetes Commands	Deployments Options for Deployment Deploying a Containerized Application What is Minikube Demo - Deploy MiniKube Demo - Deploy Cluster Deployment Demo - Deploy Services Demo - Manage Application

Module Breakdown (continued)

MODULE 5

Course Closeout

Course Closeout
Course Review
Kubernetes Certifications
Additional Resources
Kubernetes Job Outlook
Course Closeout