

Kubernetes Course Syllabus

Price 6000/-

INSTRUCTOR

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TRAINING HOURS

Monday – Friday: 01 Hour

COURSE OVERVIEW

Welcome to the Kubernetes Mastery Training, where we embark on a transformative journey into the world of Kubernetes. Whether you're a beginner looking to kickstart your cloud journey or an experienced professional aiming to deepen your expertise, this course is designed to empower you with the skills and knowledge needed to thrive in the dynamic landscape of Kubernetes Strategies.

PRE-REQUISITE

- Basics of Aws & DevOps
- Active Aws Account (For practice sessions)
- Expected to spend 3hr per-day (1hr learning – 2hrs Practice)

RESOURCES

Laptop / Desktop with 6gb RAM and above with good processor.

Tools Covered

Day 1

- Kubernetes Introduction & Architecture.

Day 2

- Kops Deployment 6 node cluster.

Day 3

- Kubernetes Cluster Deployment with terraform

Day 4

- Deployments

Day 5

- Deployment demon & stateful sets

Day 6

- Services

Day 7

- Ingress Controller

Day 8

- RBAC

Day 9

- Kubernetes Secretes and different types of secretes.

Day 10

- Docker Part 2 (Docker Volumes, Docker Networking)

Day 11

- Storage Persistent Volume and PVC

Day 12

- network Policies

Day 13

- ISTIO Service Mesh

Day 14

- Prometheus

Day 15

- HELM

Day 16

- AWS - EKS

Day 17

- ArgoCD

Day 18

- HPA - VPA

Day 19

- Kubernetes Installation with KubeADM manually .

Day 20

- Project 1

Day 21

- Interview and Resume Preparation

Assessment's Policy:

Incorporate the habit of daily practice into your routine to ensure a steady and persistent advancement in honing your skills.

® All the very best ®