Mindluster Platform

About the course Kubernetes

Course Presenter : ProgrammingKnowledge

Kubernetes, in this course provides a comprehensive introduction to container orchestration and application deployment at scale. Youâ€™ll learn how Kubernetes automates the deployment, scaling, and management of containerized applications. The course covers key concepts such as pods, nodes, clusters, deployments, and services, along with hands-on practice in setting up and managing a Kubernetes environment. Youâ€™ll explore how to use YAML configuration files, create and manage workloads, implement rolling updates, and ensure application resilience. The course also introduces Kubernetes networking, secrets, config maps, and persistent storage. By the end, youâ€™ll understand how Kubernetes integrates with Docker and CI/CD pipelines, enabling efficient and reliable cloud-native development. This course is ideal for developers, DevOps engineers, and system administrators aiming to master modern container orchestration. ProgrammingKnowledge

Programming Category's Courses

Course Lesson(11)

Lesson 1 : **Kubernetes Tutorial Introduction to Kubernetes New Course**

Lesson 2 : **Basic Kubernetes Architecture Explained**

Lesson 3 : **Kubernetes Architecture â€” Deep Dive**

Lesson 4 : **Kubernetes Tutorial â€” What is Minikube and Kubectl**

Lesson 5 : **How To Install Minikube on Ubuntu Linux**

Lesson 6 : **Commonly Used Minikube Commands Kubectl Minikube Kubernetes**

Lesson 7 : **How to Deploy a Docker container to Kubernetes using YAML files**

Lesson 8 : **How to Enable and Use the Minikube Dashboard**

Lesson 9 : **How to Create View and Destroy a Pod in Kubernetes**

Lesson 10 : **What are Kubernetes Services**

Lesson 11 : **How to create a Service in Kubernetes**

Related courses

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