Container Technology for Everyone

Docker · Kubernetes · Cloud-Native Foundations

Container technologies like Docker and Kubernetes have become the building blocks of modern cloud-native architecture, and they are now used across industries — from internet and finance to healthcare. They matter just as much to a startup that needs to iterate and ship quickly as to a large enterprise working through a digital transformation. To make that shift smoothly, IT teams need the right culture, processes and toolchain in place.

This course builds a solid grounding in container technology, beginning with the technical principles behind Docker. From there it moves into how containers are orchestrated and managed, with Kubernetes at the center — covering cluster architecture, workloads, service discovery, and how container clusters support AI model training. Along the way, learners see both the benefits and the trade-offs of going container-native, so they can judge where it fits and speak the same language as their technical teams.

Duration : 6 hours

Course Objectives

By the end of this training, learners will be able to:

1. Get comfortable with the core concepts of container technology and the advantages it brings.
2. Understand the key technologies behind containers and container-cluster orchestration.
3. Explore where the field is heading — microservices, CI/CD, and AI model-training scenarios.

LEVEL Foundational

Course Content :

MODULE 00 Container Technology Course Overview