Container and Microservices

In this course, you'll learn:

Build, test, and deploy containers using Continuous Integration
Learn How to build scalable, reliable services with Docker
Manage and monitor Java applications running on Kubernetes clusters
Create Continuous Delivery pipelines for Java applications deployed to Kubernetes
Learn how to manage a service in Docker using Docker Swarm and Kubernetes
Discover simpler orchestration tools such as CoreOS/Fleet and Rancher Cattle
Understand cluster-wide logging, system monitoring, and troubleshooting
Deploy cluster hosts on cloud services and automate your infrastructure

Introduction

Learn About Docker Images & Containers
Learn How to Create Images Using Dockerfiles
Understanding Microservice-Oriented Architecture
Microservices In-Depth
More About Docker & Microservices
Learn How to Modify an App to run inside Docker Containers - 1
Learn How to Modify an App to run inside Docker Containers - 2
Understanding Deployable Image
Understanding Registries, Docker Images & Deployment
Learn How to Configure your Docker image
Learn How to Use Docker Machine
Docker Machine Deployment
Learn How to Define Topologies with Docker Compose
Learn How to Add in a Database with Docker Compose - 1
Learn How to Add in a Database with Docker Compose - 2
Learn How to Create the Application
Learn to Combine Docker Machine & Docker Compose
Learn to Deploy the application