



Consulting and Training | Reach New Heights

Course Name

Advanced DevOps

Sector Name

Information Technology

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Advanced DevOps

Course Introduction

Professionals skilled in Advanced DevOps are highly sought after. Due to their proven ability to deliver applications and services in an agile way, all over the world.

Professionals empowered with advanced DevOps strategies bridge the gap between development and operations by leveraging best practices and principles to achieve optimal outcomes.

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Target Audience

- ✓ Application or Service Developers
- ✓ Process/Project/Test Managers
- ✓ Test Engineers
- ✓ Product Owners
- ✓ IT Service Managers
- ✓ IT Practitioners

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Learning Objectives

- ✓ How to design with AWS scalability and high availability in mind
- ✓ The importance of high availability architecture and auto-scaling, and where these strategies are better than the traditional architecture.
- ✓ Service Level Agreement (SLA) of Amazon Simple Storage Service (Amazon S3).
- ✓ Docker Clustering using Docker Swarm and Kubernetes.
- ✓ Introduction to the Kubernetes Ecosystem
- ✓ Kubernetes Architecture, Networking and Services, and User Tools.
- ✓ AWS Cloud Infrastructure as a code.
- ✓ AWS Lambda, its functions, triggers, and API gateway.
- ✓ Open-source tools for end-to-end CI/CD pipeline automation.

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Course Outline

✓ Day 01

High-Availability (HA) Design using AWS

- ✓ SLA and Cost Implications of AWS

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Course Outline

✓ Day 02

Docker Clustering using Docker Swarm

- ✓ Docker Clustering using Kubernetes

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Course Outline

✓ Day 03

IaaS - Infrastructure as a code

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Course Outline

✓ Day 04

FaaS - Function as a Code (AWS Lambda)

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Course Outline

✓ Day 05

Advanced DevOps (CI/CD pipeline Automation)

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 5, 2027	April 9, 2027	5 days	4250.00 \$	UAE , Dubai
June 14, 2027	June 18, 2027	5 days	4950.00 \$	Netherlands , Amsterdam
Aug. 16, 2027	Aug. 20, 2027	5 days	4250.00 \$	UAE , Abu Dhabi
Dec. 21, 2026	Dec. 25, 2026	5 days	4250.00 \$	UAE , Dubai

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