



Consulting and Training | Reach New Heights

Course Name

DevOps and Agile Methodology

Sector Name

Information Technology

Document Type

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DevOps and Agile Methodology

Course Introduction

The DevOps and Agile Methodology course is designed to help IT professionals, software developers, and project managers implement efficient, collaborative, and high-quality software development practices. By integrating Agile frameworks and DevOps practices, organizations can accelerate delivery, improve product quality, and enhance team collaboration.

Participants will explore Agile principles, Scrum and Kanban frameworks, DevOps culture, continuous integration and deployment (CI/CD), and automated testing strategies. The course provides practical insights into creating workflows that increase productivity, reduce errors, and align development and operations teams.

By completing this course, learners will gain the knowledge and skills to implement DevOps and Agile methodology effectively, optimize software development lifecycles, and drive organizational efficiency and innovation. This course is ideal for developers, IT managers, QA engineers, and software delivery teams aiming to modernize their development processes

DevOps and Agile Methodology

Target Audience

- ✓ Cloud Computing Engineer
- ✓ Computer Network Specialist
- ✓ Computer Support Specialist
- ✓ Database Administrator
- ✓ Information Technology Analyst
- ✓ Information Technology Leadership
- ✓ Information Security Specialist
- ✓ Software/Application Developer
- ✓ Web Developer
- ✓ Technology sales consultant

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Learning Objectives

- ✓ Gain a comprehensive understanding of the key concepts and terminologies in DevOps and Agile Methodology.
- ✓ Recognize the objectives of agile and the core agile principles based on the agile manifesto
- ✓ Recognize agile manifesto values that can help elevate businesses to the next level
- ✓ Recognize the combined benefits of DevOps and agile in managing large-scale enterprise projects
- ✓ Understand the difference between agile and DevOps practices
- ✓ Create Scrum boards to implement the agile project management methodology
- ✓ Create, configure, and start sprints to manage projects and backlogs
- ✓ Describe Scrum and the Scrum roles used for implementing agile projects
- ✓ List the types of reports that can help track work in progress, including burndown reports and velocity charts
- ✓ Recognize the steps involved in the visual requirements gathering process for agile project management
- ✓ Describe the influence of architecture vision on team velocity and software quality, with a focus on the benefits of architecture vision

- ✓ Set up agile product development projects and practices using Jira, while also specifying the product vision, goal, and project estimation with the use of the objective criteria technique
- ✓ Implement agile practices using Microsoft Azure DevOps and TFS
- ✓ Identify key performance indicators and metrics that are used in agile to evaluate the progress of development projects

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DevOps and Agile Methodology

Course Outline

✓ Day 01

Introduction to DevOps and Agile Methodology: Key Terminologies

- ✓ Why adopt agile methodologies?
- ✓ Objectives and Principles of Agile

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Course Outline

✓ Day 02

Values of Agile

- ✓ DevOps and Agile
- ✓ Comparing Agile and DevOps Practices

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Course Outline

✓ Day 03

Creating Scrum Boards

- ✓ Managing Backlogs and Sprints
- ✓ Scrum and Scrum Roles
- ✓ Report Types for Tracking WIP

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Course Outline

✓ Day 04

Visual Requirements Gathering

- ✓ Influence of Architecture
- ✓ Setting up Agile Product Development

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Course Outline

✓ Day 05

Using Azure DevOps and TFS for Agility

- ✓ Agile Project KPI and Metrics

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 28, 2027	July 2, 2027	5 days	4250.00 \$	UAE , Dubai
Sept. 21, 2026	Sept. 25, 2026	5 days	4250.00 \$	UAE , Dubai
Jan. 4, 2027	Jan. 8, 2027	5 days	4950.00 \$	England , London
Jan. 10, 2027	Jan. 14, 2027	5 days	4250.00 \$	KSA , Riyadh

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