

DevOps for Developers: How to Get Started

Modality: On Demand

Duration: 12 Hours

About this course:

DevOps is the association of procedures, individuals, and products to empower the continuous delivery of significant worth to end-users. It means to make a culture and condition where testing, building, and releasing software can happen frequently, quickly, and dependably, so you can innovate like a startup and scale for the business. With the enrollment of this introductory DevOps course, you'll have the capability to define DevOps, comprehend why you need DevOps, and figure out how you can begin with DevOps. You'll become familiar with the key thoughts and techniques to bring operations and development together to create excellent software and convey it all the more rapidly.

The normal compensation for a DevOps designer is \$131,000 every year.

Course Objective:

- The history, worth, and building blocks of DevOps
- The way to bring together procedures and improve collaboration between operations and development.
- Continuous Integration (CI), continuous deployment, and continuous testing.
- Configuration management, release management, and monitoring in DevOps.
- Agile, Source Control, and Automation in DevOps
- What Dev and Ops can Learn from each other to form the unified process
- Defining a Build Pipeline.
- Application Performance Monitoring.

Audience:

Engineers

Developers

Prerequisite:

Working experience within an association that delivers software.

An essential understanding of the Agile software advancement process and source control

Suggested prerequisite course:

Introduction to DevOps Practices

Career Path:

[App Development...](#)

Course Outline:

Overview of DevOps

- The Definition and Value of DevOps
- The History of DevOps
- The Building Blocks of DevOps
- Hands-on Labs
- Homework
- Knowledge Checks

A Unified Process Between Dev And Ops

- Agile, Source Control, and Automation in DevOps
- What Dev and Ops can Learn from each other to form unified process
- Hands-on Labs
- Homework
- Knowledge Checks

Continuous Integration, Continuous Delivery, and Continuous Testing

- Continuous Integration and Continuous Delivery
- Continuous Testing
- Defining a Build Pipeline
- Hands-on Labs
- Homework
- Knowledge Checks

Configuration Management and Release Management

- Configuration Management
- Release Management
- Hands-on Labs
- Homework
- Knowledge Checks

Monitoring and Feedback

- Application Performance Monitoring
- Experiments
- Hands-on Labs
- Homework
- Knowledge Checks

Wrap-up and Final Exam

- Wrap-up and Final Exam?