



DevOps Essentials

Duration: 2 Days

DESCRIPTION

This is a 'breadth' course that aims to educate participants on one of the current trends in the IT industry i.e. DevOps. The course starts by demystifying what DevOps means, what its core principles, practices are and more importantly what DevOps is not.

Being a breath-focused course, it provides an overview of various engineering practices that make Continuous Integration (CI) and Continuous Delivery (CD) possible, via demonstrations. The course also provides lab exercises on some of the important tools that can be used to implement CI-CD.

OBJECTIVES

- DevOps - Demystified
- Understand the core principles, practices of DevOps
- Understand what DevOps is not
- Understand the concept of Build and Release
- Overview of how to use Maven as a build tool
- Overview of how to measure code quality using Sonar
- Understand the concept of a Repository Management systems and its usage
- Overview on how to use JFrog Artifactory as a Repository Manager
- Understand how to do Continuous Integration using Jenkins
- Overview of Cloud Computing and various types of cloud computing
- Overview of Configuration Management and CM tools
- Overview of Ansible as a configuration management tool
- Overview of Micro Service Architecture
- Overview of Containerization
- Understand how to use Docker for Containerization
- Overview of Continuous Delivery Pipeline

COURSE OUTLINE

DAY 1

- DevOps Overview
- Source Control using Git and GitHub
- Build and Release
- Continuous Integration

DAY 2

- Cloud Computing
- Configuration Management
- Micro Service Architecture
- Containerization
- Continuous Deliver (CD)

WHO SHOULD ATTEND

- Developers who wish to containerize software applications
- Administrators who plan to do infrastructure provisioning using Ansible
- Administrators and developers who want to build end-to-end CI/CD pipeline

PREREQUISITES

- DevOps concepts and the various engineering processes are agnostic of technology. Even though a Java-based codebase is used, all the concepts and techniques are applicable to any other technology-based projects / product.
- Should have a good level of knowledge in web / enterprise application design
- Should have contributed at least as a Senior Software Engineer in a mid-sized application development project
- Knowledge of Configuration Management is good to have

TESTIMONIALS

“ Best training center to learn AWS Cloud Computing Services in India. Training was excellent and trainer has good knowledge about the real world market and used these cases to explain the course content. ”

- **Santosh (NOC Lead, CA Technologies)**

“ Good faculty, great atmosphere, great examples, made my life easier. Wish to advice friends & colleagues to join CloudThat. Great going, keep up the good work. Wish you a great success. ”

- **Veerendra (Assistant Manager, Accenture)**

“ Excellent training, there were lot of things to learn even for experienced AWS user. Trainer has very good knowledge and was able to explain real scenarios which were very good. ”

- **Srinivasa Rao (Technical Manager, Samsung Research India Bangalore)**

For training inquiry,
please email us at: sales@cloudthat.in



CloudThat Technologies
+91 8880002200
sales@cloudthat.in | www.cloudthat.in