

DevOps

Total Duration:

1 day

Audience:

This workshop is intended for developers who need to have basic exposure to DevOps basic with overview of tools used.

Course Objectives:

At the end of the course, participants will have knowledge of

- What is DevOps
- Tools used for DevOps

Pre-requisites:

- Networking Basics
- Understanding of Web Application Development

Course Contents:**Day 1 –**

- Monoliths to Micro Services
- What is DevOps?
- Why DevOps?
- History of DevOps
- Dev and Ops
- DevOps definitions
- DevOps and Software Development Life Cycle
- DevOps main objectives
- Infrastructure As A Code
- IaaS Overview
- Paas Overview
- DevOps on the Cloud
- Tools (Jenkins, Chef, Docker, Vagrant and so on.)
- Continuous Testing and Integration
- Continuous Release and Deployment
- Continuous Application Monitoring
- Introduction to Docker