

# DevOps

## ***GIT - Configuration Management***

Software Configuration management

Introduction to GIT

## ***Gerrit***

Setting up Gerrit

Gerrit workflow

Code review

Gerrit Administration

## ***Python Scripting***

Functions

Exceptions

Input and Output

Classes in Python

## ***Continuous Integration - Jenkins***

Installing and Running Jenkins

Jenkins Job

Securing Jenkins

Jenkins Plugin

Distributed Builds with Jenkins

## ***Docker***

Docker Containers

Docker and DevOps

Building Docker Images

Docker Vs Virtual Machine (VM)

Docker Hub

Docker Orchestration

Container Process

Linking Containers

**Swarm 1.2**

## ***Puppet***

Puppet master configuration

Modules and manifests

Writing own modules



### ***Duration***

45 Hours

### ***Who Should Attend***

People who is interested in pursuing their career in Continues Integration and Deliver

### ***Platform***

Linux

### ***Pre-requisite***

Basics of programming