

Design and Implement Dev Ops Engineering

Duration: 5 Days

Module Name0	Day	Start Time	End Time
Module 1: Dev Ops Fundamentals	Day 1	9:00	12:30
Introduction to DevOps			
How to Implement Dev Ops Infrastructure?			
Module 3: Docker Containers	Day 1	13:30	18:00
Linux Container Fundamentals	Day 2	9:00	12:30
Building Blocks of Docker			
Docker Images and Containers			
Docker Container Management			
Using Docker in Cloud			
Lab: Containerizing Application using Docker			
Module 4: Code Management in GIT	Day 2	13:30	18:00
GIT Basics			
GIT Branching			
Managing GIT Repository			
GIT Hub			
GIT Tools			
Lab: GIT			
Module 5: Infrastructure Automation using Ansible	Day 3	09:00	18:00
Ansible Architecture			
Ansible Concepts			
Installing Ansible			
Creating playbooks			
Module Design			
Deploying Ansible Code			
Module 5: Infrastructure Automation using Chef	Day 4	09:00	18:00
Chef Fundamentals			
Cookbooks			
Chef Policy			
Module 6: Continuous Integration?	Day 5	09:00	15:00
Benefits of CI			

CI Using Jenkins			
Jenkins Features			
Jenkins Architecture			
Managing application on Jenkins			
Module 7: Connecting the Dots	Day 5	15:00	18:00
Move the Code and Development to DevOps Model			
Move Agile in Infrastructure and Development			
Create a DevOps Environment in Cloud			
Use Containers as Application build process			
Put Code and Containers in GIT			
Automate Infrastructure Creation and Scaling in Cloud			
Automate Configuration using Puppet			
Continuous Deployment with Jenkins			
Create a DevOps Process for you Organization			