

Duration: 45 Hours

DevOps COURSE CONTENT

Our Strength
Shiva Sir
0731-4069788

Perquisite :- C++

DevOps Syllabus	<ul style="list-style-type: none">❖ What is DevOps ?❖ History of DevOps❖ Dev and Ops❖ DevOps defination❖ DevOps and Software Development Life Cycle❖ DevOps main objectives❖ Infrastructure As Code❖ Prerequisites for DevOps❖ Tools (Jenkins, Chef, Docker, Vagrant and so on.)❖ Continuous Integration and Development Linux Installation❖ User Management❖ Package Management❖ Networking❖ OS Basics❖ Scripting Introduction❖ Learn Shell Scripting❖ Database Concepts❖ Database Concepts❖ Shell Variable❖ Shell Decision Making❖ Shell Test Conditions❖ Shell Loops❖ Shell Redirectors❖ Shell Exit status❖ Subversion Controls/Git❖ Working with local repositories❖ Working with remote repositories<ul style="list-style-type: none">• branching• merging• cloning• fetch/pull❖ chef/Puppet/Ansible Introduction❖ Chef server Hands-on❖ Chef Distribution Kit
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- ❖ Chef Concepts Environments
- ❖ Attributes
- ❖ Resources
- ❖ Cookbook
- ❖ Run list
- ❖ Recipes
- ❖ Supermarket
- ❖ Introduction with Maven
- ❖ Maven structure
- ❖ Maven Phases
- ❖ Installation of Maven
- ❖ Configuration
- ❖ jar/war project structure
- ❖ Installation and Configuration
- ❖ Tomcat Manager
- ❖ Application Management
- ❖ App Deployment Methods
- ❖ Installation and Configuration
- ❖ Repository Management
- ❖ Proxy Management
- ❖ Integration with Maven

Introduction to Jenkins

- ❖ Jenkins Installation
- ❖ User Profile
- ❖ User Management
- ❖ Security Management
- ❖ Plugins Management
- ❖ Builds Setup
- ❖ Integration with Git
- ❖ Integration with Maven
- ❖ Integration with Tomcat



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