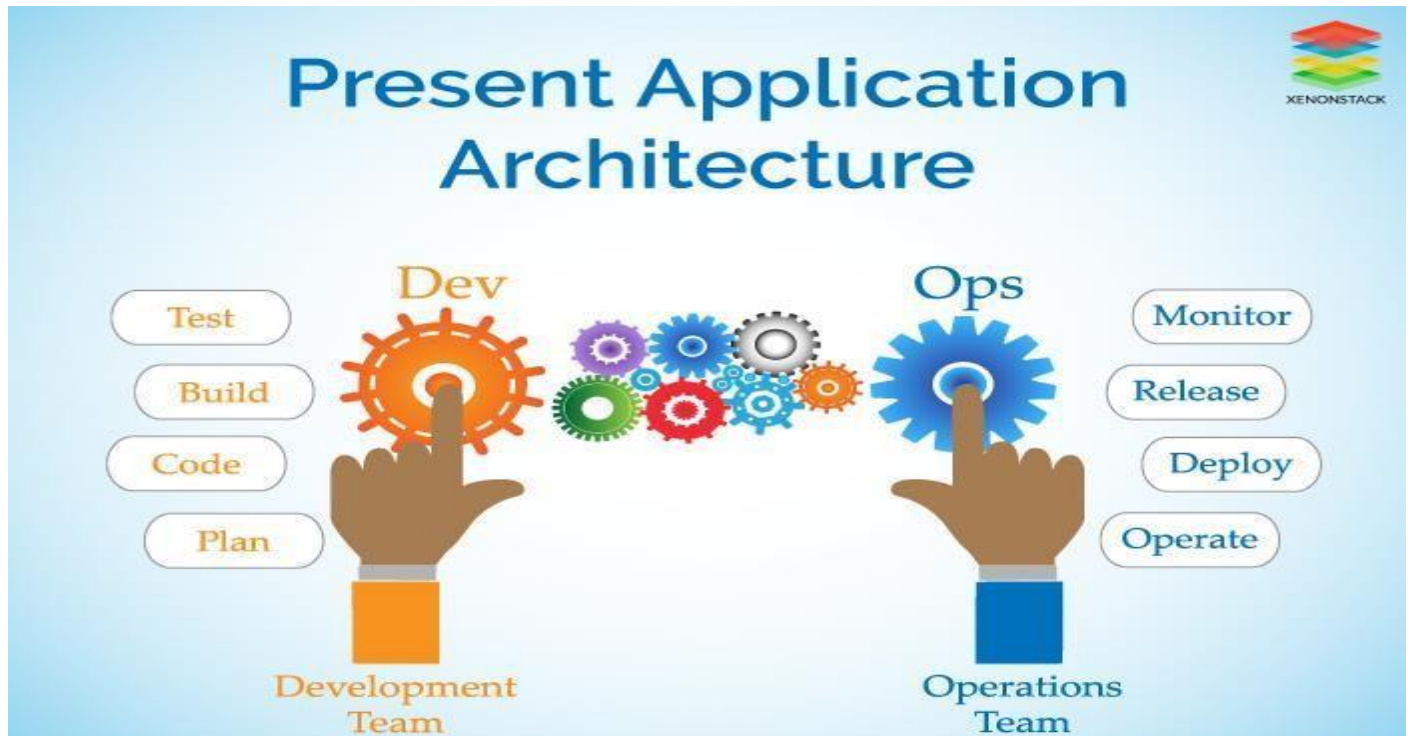
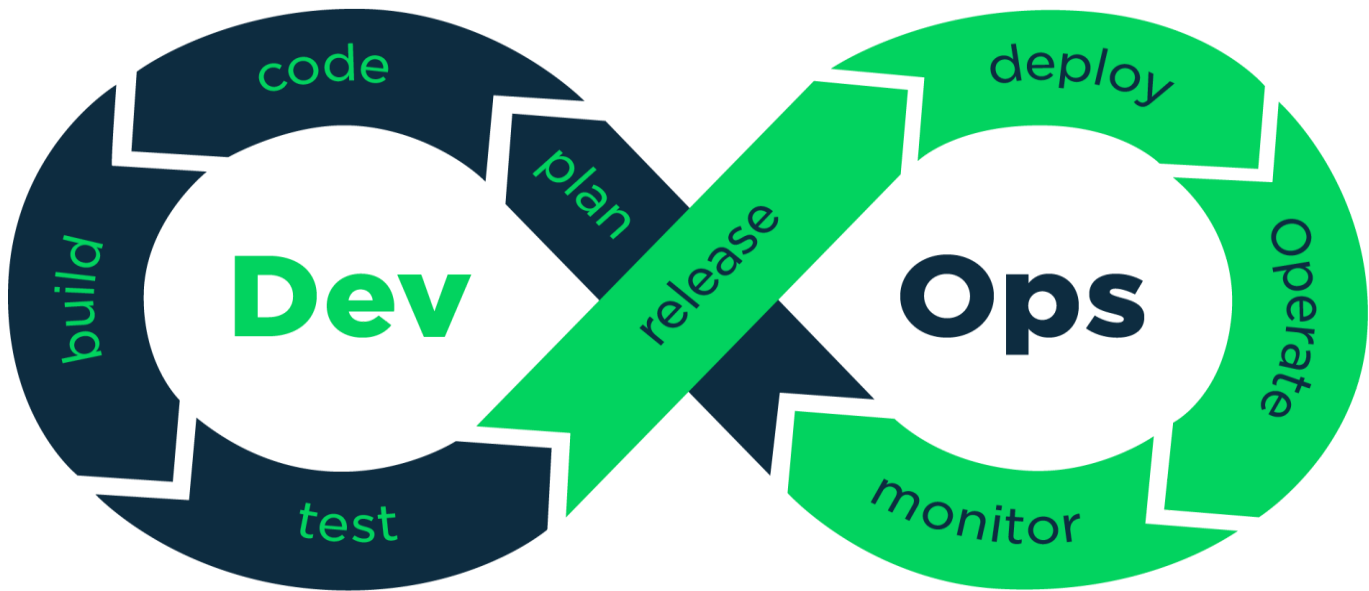




LEARN, THINK, INNOVATE



Overview

Let eMexo Technologies **Best DevOps Training in Electronic City Bangalore** take you from the fundamentals of DevOps to Advance DevOps and make you an expert in developing real-time DevOps applications. Here are the major topics we cover under this DevOps course Syllabus. **Getting Started – DevOps Concepts, Tools, and Technologies, Get Into Linux Commands For DevOps, Source code management, Continuous Integration with Jenkins 2 (Maven, Junit, GitHub, Nexus, SonarQube, Apache Tomcat), Building the Code and Configuring the Build Pipeline, Docker (Container Technology), Ansible (Configuration Management Tool), End to End real-time integration and deployment tasks, Monitoring (Prometheus, node exporter, grafana, cAdvisor), Kubernetes.**

All the topics will be covered with Practical and hands-on training. Our trainers have industry experience with live project experience in cutting-edge technologies which they teach. We hire only the Best DevOps industry specialists as trainers for our **DevOps Training Course in Electronic City Bangalore**.

If you are looking for **DevOps Training in Electronic City**, eMexo Technologies is the **Best DevOps Training Institute in Electronic City Bangalore**. Come over to our training institute for a free demo class. Let our trainer give you a demo on DevOps and only then do you make the decision to enroll in the DevOps Certification Training in Electronic City.

Training Features

Real-life Case Studies

Do a real-life case study to understand the usage in real-world scenarios.

Assignments

Each class will be followed by a practical assignment which can be completed before the next class.

Preparation for interview

Our trainers are professionals working in multinational corporations. They are experts in their field and know exactly what the interviewer will look for in the candidate. Experienced trainers not only share interview questions but also conduct mock interviews to help prepare for the actual interview.

Key Features

eMexo Technologies offers the **Best DevOps Training Course in Electronic City Bangalore** with the TOP industry expert trainers.

Here are the key features.

- ★ Free Demo Class Available
- ★ Practical Approach
- ★ Expert & Certified Trainers
- ★ 100% Job Oriented Training
- ★ Real World use cases and Scenarios
- ★ Completed 500+ Batches
- ★ Certification Guidance

Unit 1: Overview of DevOps

Introduction to DevOps

Benefits of working in a DevOps environment

DevOps Lifecycle

DevOps Stages

DevOps Delivery Pipeline

Hands-On

Unit 2: Version Control with Git

Version Control

Git Introduction

Git Installation

Commonly used commands in Git

Working with Remote repository

Hands-On

Unit 3: Git, Jenkins & Maven Integration

Branching and merging in Git

Merge Conflicts

Stashing, Rebasing, Reverting and Resetting

Git Workflows

Introduction to Maven

Maven Architecture

Introduction to Continuous Integration

Introduction to Jenkins

Hands-On

Unit 4: Continuous Integration using Jenkins

Jenkins Architecture

Plugin Management in Jenkins

Jenkins Security Management

Notification in Jenkins

Jenkins Master-slave architecture

Jenkins Delivery Pipeline

Jenkins Declarative pipeline

Hands-On

Unit 5: Configuration Management Using Ansible

Introduction to Configuration Management

Infrastructure as Code

Introduction to Ansible

Ansible Architecture

Inventory Management

Ansible Modules

AD-HOC Commands

Ansible Playbooks

Ansible Roles

Hands-On

Unit 6: Containerization using Docker Part – I

Containerization

Namespaces

Docker

Docker Architecture

Container Lifecycle

Docker CLI

Port Binding

Detached and Foreground Mode

Dockerfile

Dockerfile Instructions

Docker Image

Hands-On

Unit 7: Containerization using Docker Part – II

Docker Registry

Volumes

Container Storage

Docker build and push

Docker pull – latest build image

Docker network hands-on

Hands-On

Unit 8: Orchestration using Kubernetes

Introduction to Container Orchestration

Kubernetes Core Concepts

Understanding Pods

ReplicaSet and Replication Controller

Deployments

DaemonSets

Rolling Updates and Rollbacks

Scaling Application

Hands-On

Unit 9: Terraform Overview

Introduction to Terraform

Terraform vs Ansible

Terraform Architecture overview

Hands-On

Unit 10: Selenium Overview

Introduction to Selenium

Why Selenium?

Overview of Selenium

Hands-On

Unit 11: Nagios

Introduction to Continuous Monitoring

Introduction to Nagios

Installing Nagios

Nagios Plugins(NRPE) and Objects

Nagios Commands and Notification

Hands-On

Unit 12: Cloud Computing

Why Cloud?

Introduction to Cloud Computing

Why DevOps on Cloud?

Introduction to AWS

Various AWS services

Hands-On

Unit 13: Overview of AWS EC2 and IAM

Virtualization

Amazon Web Services (AWS)

Benefits of AWS

AWS Global Infrastructure

AWS: IAM

Components of IAM

Managing users with IAM

Amazon Machine Image (AMI)

Security Groups in AWS

Virtualization

Amazon Elastic Compute Cloud (EC2) and Its Benefits

Networking components associated with EC2

Hands-On

FAQs

1. How is the training organized? How much percentage is theoretical and how much is practical hands-on?

We at eMexo believe nothing beats hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical and hands-on oriented. You learn a concept, you practice it then and there with the trainer. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer the next day.

2. What is the course duration? How and when do you plan to complete the course?

We generally cover our courses in 60 hours, however, we know that we can't put a hard- stop to learning with a number. Our trainer will make sure that you have learned everything that is part of the curriculum. This could mean 48 hours or 60 hours, doesn't matter.

3. What is the material provided in the training?

We have industry standard course material which is used by our trainers to train you. At the end of the training apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions, etc.

4. Do you help in preparing for the interview?

Our trainers are working professionals who work in MNCs. They are the expert in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions will also conduct mock interviews to help you prepare for the real interview.

5. Who are your trainers?

Our trainers are industry experts who work in their respective technologies day in and day out. They work in MNCs and are technology experts within their organizations.

6. What is the total batch size per course?

We maintain a strict batch size of a maximum of 5 students. We also provide exclusive one-to-one training as well. Talk to our training partner to get more details.

7. Do you provide certification for the course?

Yes, at the end of training we provide a certification of completion.

8. Will I be joining a new batch or being merged with another batch?

You will be added to a new batch.

9. Is fast-track training available?

Yes, we also provide fast-track training for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain the same. However, the trainer will be spending more hours with you to complete the course.

10. Do you assist in job placement?

Our trainers are expert professionals in their organizations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look for in a resume.

11. Timings for training - Regular training/weekend training?

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

12. Will you be working on a live project during training?

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project and working with you on the implementation.

13. What happens if I miss a class?

If you miss a class the content of that class will be taught to you again. With us, you might miss a class but not the content.

14. Can I attend a demo before the actual class?

Yes, absolutely! Talk to our training counselor on phone at **+91-9513216462** or email us at **info@emexotechnologies.com** to arrange a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.