CROMA CAMPUS

Devops Engineering Certification Training

1.2 Million Learners

1-1 Personlized Mentorship

60% Average Salary Hike

About **Program**

Learning Format
Online / Offline

Trainer
Industry Professionals

Career Services
By Croma Campus

Our course content has been specifically designed to turn you into a skilled professional in this industry. As a part of your certification training, you will receive enough study material and recorded video sessions that will help you cover all the latest trends and features in this course. The training session will comprise important sections, features, advantages, and scope of the technology in the coming years. Moreover, our qualified trainers will help you imbibe all the required skills, and information in a much better manner to help you in you becoming an expert in this technology. Post the completion of your course, you will receive a training certificate recognized world-wide.

What Make Us **Tick**

Career-oriented Sessions
Attend 25+ career-oriented sessions by industry mentors and prepare your career trajectory

Profile Building
Craft a resume and LinkedIn profile and make an impression on top employers

Mock Interview Preparation
Prepare with mock interviews including most asked questions by top employers

1:1 Mentoring Sessions
Get 1:1 guidance at every step in your career transition to respective Technology

Dedicated Job Portal Access
Get exclusive access to 100s of job postings per month on Croma Campus Intellipaat's job portal

Guaranteed interviews
Get job interviews with 400+ hiring partners including promising startups and top MNCs

Devops Certification **Training Curriculum**

✅ Infrastructure Setup

In this module, you will learn what Cloud Computing is and what are the different models of Cloud Computing along with the key differentiators of different models. We will also introduce you to virtual world of AWS along with AWS key vocabulary, services and concepts.

- EC2 Walkthroug
- Installation of DevOps Tools in the Cloud
  - Git
  - Docker
  - Selenium
  - Jenkins
  - Puppet
  - Ansible
  - Kubernetes

✅ Overview of DevOps: In this module you will be introduced to DevOps environment.

- Why DevOps?
- What is DevOps?
- DevOps Market Trends
- DevOps Engineer Skills
- DevOps Delivery Pipeline
- DevOps Ecosystem

✅ Introduction to DevOps on Cloud

Learn about various Cloud Services and service providers; also get the brief idea of how to implement DevOps using AWS.

- Why Cloud?
- Introduction to Cloud Computing
- Why DevOps on Cloud?
- Introduction to AWS
- Various AWS Services
- DevOps using AWS

✅ Git, Jenkins & Maven (Version Control, Continuous Integration & Build)

In this module, you will learn about the different actions performed through Git and will be introduced to Jenkins and Maven.

- Version Control with Git
  - What is Version Control

- What is Git
- Why Git for your Organization
- Install Git
- Common Commands in Git
- Working with Remote Repositories
- Git, Jenkins & Maven Integration
  - Branching and Merging in Git
  - Git Workflows
  - Git Cheat Sheet
  - What is CI
  - Why CI is Required
  - Introduction to Jenkins (With Architecture)
  - Introduction to Maven
  - Branching and Merging, Stashing, Rebasing, Reverting and Resetting
  - Build and Automation of Test using Jenkins and Maven
- Jenkins (Continuous Integration)
  - Jenkins Management
  - Adding a Slave Node to Jenkins
  - Building Delivery Pipeline
  - Pipeline as a Code
  - Implementation of Jenkins
  - Build the Pipeline of Jobs using Jenkins
  - Create a Pipeline Script to Deploy an Application over the Tomcat Server

✅ AWS (Amazon Web Services)

In this module, you will learn about the introduction to compute offering from AWS called EC2. We will cover different instance types and Amazon AMIs. A demo on launching an AWS EC2 instance, connect with an instance and hosting a website on AWS EC2 instance. We will also cover EBS storage Architecture (AWS persistent storage) and the concepts of AMI and snapshots.

- Introduction to Cloud Computing & AWS
- Elastic Compute and Storage Volumes
- Load Balancing, Autoscaling and DNS
- Virtual Private Cloud
- Storage - Simple Storage Service (S3)
- Databases and In-Memory DataStores

- Management and Application Services
- Access Management and Monitoring Services
- Automation and Configuration management
- AWS Migration
- AWS Architect Interview Questions

Docker (Continuous Deployment)

This module introduces Docker to Readers, the Core Concepts and Technology behind Docker. Learn in detail about Container and various Operations Performed on it.

- Shipping Transportation Challenges
- Introducing Docker
- Understanding Images and Containers
- Running Hello World in Docker
- Introduction to Container
- Container Life Cycle
- Sharing and Copying
- Base Image & Docker File
- Working with Containers
- Publishing Image on Docker Hub
- Create and Implement Docker Images and Containers

Puppet (Continuous Deployment)

Configuration Management with Puppet: In this module, you will learn to Install and Configure Puppet. Additionally, understand the Master-Agent Architecture in Puppet.

- Introduction to Puppet
- Puppet Installation
- Puppet Configuration
- Puppet Master and Agent Setup
- Puppet Module
- Node Classification
- Puppet Environment
- Puppet Classes
- Automation & Reporting
- Install and Configure Puppet
- Configure and Implement Servers using Puppet

Ansible (Configuration Management)

Configuration Management with Ansible: In In this module, you will learn to Install Ansible and Configure Ansible Roles. You will also learn to write Playbooks and finally Execute Ad-Commands using Ansible.

- Introduction to Ansible
- Ansible Installation
- Configuring Ansible Roles
- Write Playbooks
- Executing Adhoc Command & Installing Ansible
- Configuring Ansible Role & Write Playbooks
- Execute Adhoc Commands

Kubernetes (Containerization using Kubernetes)

Containerization using Kubernetes: In this module, you will learn the basics of Kubernetes and its Integration with Docker.

- Revisiting Kubernetes Cluster Architecture
- Spinning up a Kubernetes Cluster on Ubuntu VMs
- Exploring your Cluster
- Understanding YAML
- Creating a Deployment in Kubernetes using YAML
- Creating a Service in Kubernetes
- Installing Kubernetes Dashboard
- Deploying an App using Dashboard
- Using Rolling Updates in Kubernetes
- Containers and Container Orchestration
- Introduction to Kubernetes
- Setting up the Kubernetes Cluster
- Accessing your application through service
- Deploying an app through Kubernetes Dashboard
- Rolling updates in Kubernetes

Nagios (Continuous Monitoring with Nagios)

Continuous Monitoring with Nagios: In Objective: Learn how to Continuously Monitor your Tasks using Various Plugins and Implementing Nagios Commands.

- Introduction to Continuous Monitoring
- Introduction to Nagios
- Installing Nagios

- Nagios Plugins(NRPE) and Objects
- Nagios Commands and Notification
- Installing Nagios
- Monitoring of different servers using Nagios

e-Learning through **LMS**

Learning **Management System**

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

Key Features **Learning Management System**

Live Sessions with Class recordings

Get study material with Assignments.

Track your curriculum covered.

Track your class wise attendance

Share your feedback for Trainer & Training

Get your Training Certificate from LMS

Training **Certification**

Earn Your **Certificate**

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.

Croma Campus! **Reviews**

"The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot."

"**By The Students For The Students**"

Your Success Is **Our Story**

Bharat
" I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. **"**

Ankit
" It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. **"**

Nitesh
" Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. **"**

Shams Khan
" Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. **"**

G 4.2/5
1030+ Google Reviews

4.8/5
1224+ Sulekha Reviews

4.6/5
1034+ Urbanpro Reviews

Jd 4.3/5
1294+ Just Dial Reviews

f 4.5/5
1360+ Facebook Reviews

Meet Our Team

Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.

Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.

Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.

Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.

Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.

HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.

Glimpse Of **Our Office**

Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.

About **Croma Campus**

" **Our Mission is to Build Nation through Education & Beyond Limitation.** **"**

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.

We Are Affiliated With Different Partners

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REACH US:

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