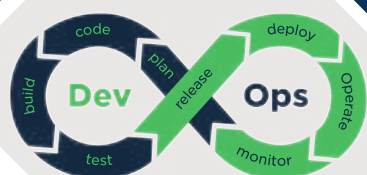# MASTERS PROGRAM IN
CLOUD COMPUTING

Master Cloud Computing skills and take your career to next level!!

📞 **+91-971 152 6942**
+91-120-4155255

📍 **G-21, Block G, Sector 3, Noida, Uttar Pradesh**

@ **www.cromacampus.com**
info@cromacampus.com

Croma Campus Training & Development Pvt. Ltd.

POST GRADUATE PROGRA IN
CLOUD COMPUTING

Cloud Computing is a general term for anything that involves delivering hosted services over the internet.
Cloud computing can also be thought of as utility computing or on-demand computing.
The name cloud computing was inspired by the cloud symbol that's often used to represent the internet in flowcharts and diagrams.

1.2 Million Learners

1:1 Personlized Mentorship

60% Average Salary Hike

Latest Jobs with CLOUD COMPUTING

1.1 Million Job Postings
There is a global estimate of 1.1 million job postings for Cloud Computing roles by 2023.

Skill Development
Cloud Computing professionals are equipped with various relevant skills fetching lucrative job offers

Growing Clud Computing Industry
35.5% CAGR in the global Cloud Computing industry.

Future- Oriented Career
Cloud Computing is a budding field; a head start will prove to be beneficial.

Popular Degree
43% of Cloud Computing professionals have a Master's degree.

High Demand
By 2023, India and US will face a demand supply gap of 460,000 Cloud Computing professionals.

Our CREDENTIALS

1.2 Million+
Aspiring Active Students

1,000+
Industry-Expert Instructors

400+
Hiring Partners

200+
Corporates Upskilled

55%
Average Salary Hike

50+
Countries' Learners

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About PROGRAM

The Program in Cloud Computing covers 11 courses & industry based projects, and one capstone project. As part if this program, you will also receive official course material issued by Microsfot for "Integratiog On- premises Identity Infrastructure with Microsoft Azure" and Implementing Security in Azure Development Solutions."

Learning Format
Online

130 Hours
Duration

Career Services
By Croma Campus

Key HIGHLIFHTS

Croma Campus Training & Development Private Limited is an education platform since 2010 providing rigorous industry rele vant programs designed and delivered in collaboration with world-class faculty and industry.

» Hands-On Live Projects

» Simulation Test Papers

» Industry Cases Studies

» 1.2 Million+ Satisfied Learners

» 140+ Training Courses

» 100% Certification Passing Rate

» Live Instructor Classroom / Online Training

» 100% Placement Assistance

Course OBJECTIVES

» Understand the concepts of AWS.

» Know how Microsoft Azure works for Cloud Computing.

» Install, configure, and secure your Jenkins server.

» Make project using DevOps, Ansible Docker etc.

» Learn Big Data Hadoop concepts to play with huge data.

» Learn the concepts of Java, Linux & Agile to become loud Professional.

Training DELIVERABLES

» Session Recordings

» Training Material

» Assignments

» Test Papers

» Live Case Studies

» Live Projects

» Key focus on Hands-on

» Training Material

» Project work

» Technical Resume Designing

» Job Assistance

» Interview Q&A

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CROMA CAMPUS
Certificate
Attend Complete Batch & Submit at least One Completed Project.

Masters In Cloud Computing Training Description

Cloud computing is the delivery of different services through the Internet. These resources include tools & applications like data storage, servers, DB , networking etc. It is a popular businesses for a number of reasons like cost savings, productivity, speed, efficiency, performance, & security.
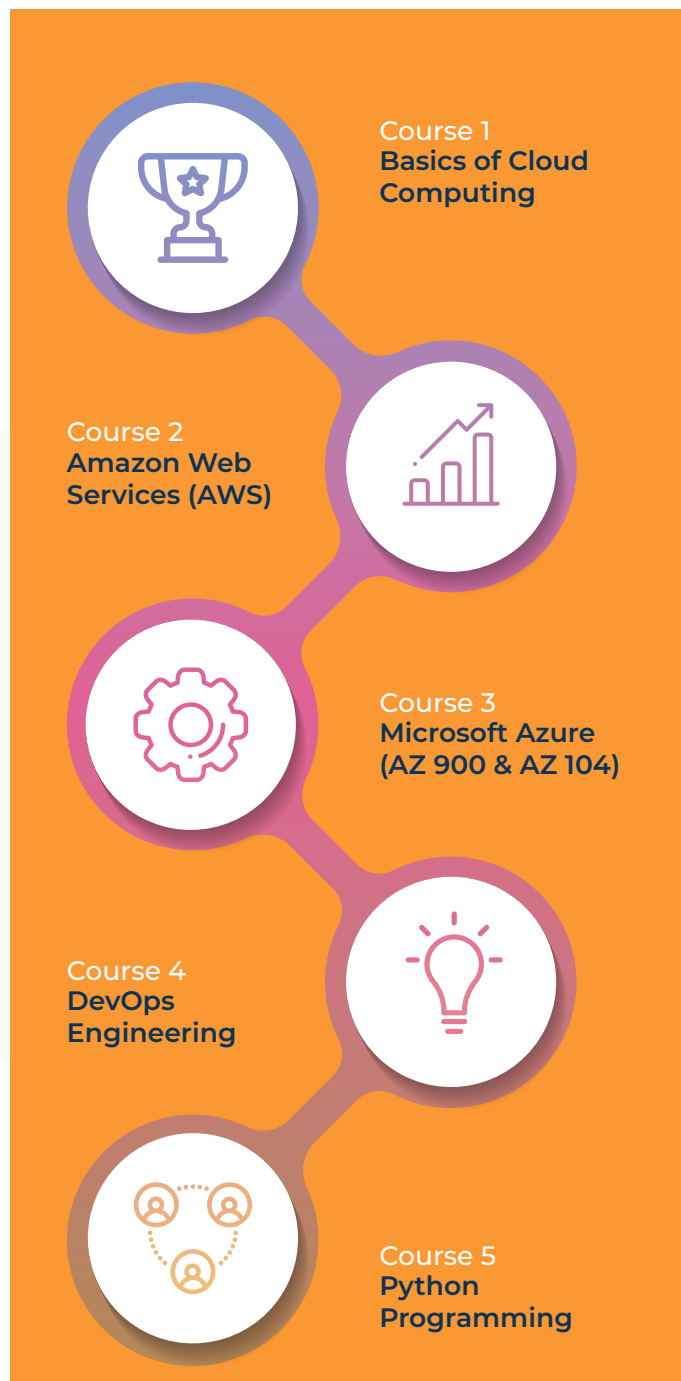
Basics of CLOUD COMPUTING

» A Short historyTraining

» Client Server Computing Concepts

» Challenges with Distributed Computing

» Introduction to Cloud Computing

» Why Cloud Computing

» Benefits of Cloud Computing

Amazon Web Services (AWS)

» 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

Microsoft Azure (AZ 900 & AZ 104)

» Introduction to Microsoft Azure

» Introduction to ARM & Azure Storage

» Introduction to Azure storage

» Azure Virtual Machines

» Azure App and Container services

» Azure Networking - I

Course 1
Basics of Cloud Computing

Course 2
Amazon Web Services (AWS)

Course 3
Microsoft Azure (AZ 900 & AZ 104)

Course 4
DevOps Engineering

Course 5
Python Programming

- » Azure Networking - II
- » Authentication and Authorization in Azure using RBAC
- » Microsoft Azure Active Directory
- » Azure Monitoring

DevOps ENGINEERIGN

- » Infrastructure Setup
- » Introduction to DevOps
- » Version Control with Git
- » Containerization Using Docker - I
- » Configuration Management using Puppet
- » Ansible
- » Continuous Testing using Selenium
- » Continuous Integration with Jenkins
- » Introduction to Kubernetes Part I
- » Introduction to Kubernetes Part 2
- » Continuous Monitoring using ELK
- » Terraform Modules & Workspaces

Python PROGRAMMING

- » Python Environment Setup and Essentials
- » Python language Basic Constructs
- » OOP concepts in Python
- » Database connection
- » NumPy for mathematical computing
- » SciPy for scientific computing
- » Matplotlib for data visualization
- » Pandas for data analysis and machine learning
- » Exception Handling
- » Multi Threading & Race Condition
- » Packages and Functions
- » Web scraping with Python

Google Cloud SERVICES

- » Introduction to Google Cloud
- » Google Cloud Services
- » Google Computing Services
- » Google Storage Services
- » Google Cloud APIs
- » Google Networking Services
- » 1AM & Security Services
- » Migrating to Google Cloud

Course 6
Google Cloud Services

Course 7
Splunk Administration

Course 8
Splunk Developer Certification

Course 9
Linux

Course 10
Microsoft Azure 303

Course 11
Agile Methodology

Master's Program Certificate
You will get certificate after completion of program

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Splunk ADMINISTRATION

- Splunk Development Concepts
- Basic Searching
- Using Fields in Searches
- Saving and Scheduling Searches
- Creating Alerts
- Scheduled Reports
- Tags and Event Types
- Creating and Using Macros
- Workflow
- Splunk Search Commands
- Transforming Commands
- Reporting Commands
- Mapping and Single Value Commands
- Splunk Reports and Visualizations
- Analyzing, Calculating and Formatting Results
- Correlating Events
- Enriching Data with Lookups
- Creating Reports and Dashboards
- Getting Started with Parsing
- Using Pivot
- Common Information Model (CIM) Add-On

Splunk Developer CERTIFICATION

- Splunk Development Concepts
- Basic Searching
- Using Fields in Searches
- Saving and Scheduling Searches
- Creating Alerts
- Scheduled Reports
- Tags and Event Types
- Creating and Using Macros
- Workflow
- Splunk Search Commands
- Transforming Commands
- Reporting Commands
- Mapping and Single Value Commands
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- Analyzing, Calculating and Formatting Results
- Correlating Events
- Enriching Data with Lookups

REAL-LIFE CASE STUDIES

Work on case studies based on top industry frameworks and connect your learning with real-time industry solutions right away.

BEST INDUSTRY PRACTITIONERS

All of our trainers and highly experienced, passionate about teaching and worked in the similar space for more than 10+ years.

ACQUIRE ESSENTIAL INDUSTRIAL SKILLS

Wisely structured course content to help you in acquiring all the required industrial skills and grow like a superstar in the IT marketplace.

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- Creating Reports and Dashboards
- Getting Started with Parsing
- Using Pivot
- Common Information Model (CIM) Add-On

Linux ADMINISTRATION

- Introduction to Linux
- File Management
- Files and Processes
- Introduction to Shell Scripting
- Conditional, Looping statements and Functions
- Text Processing
- Scheduling Tasks
- Advanced Shell Scripting
- Database Connectivity
- Linux Networking

Microsoft AZURE 303

- Introduction to Microsoft Azure
- Introduction to ARM & Azure Storage
- Introduction to Azure storage
- Azure Virtual Machines
- Azure App and Container Services
- Azure Networking
- Azure Networking - II
- Authentication and Authorization in Azure using RBAC
- Microsoft Azure Active Directory
- Azure Monitoring
- Multi Factor Authentication (MFA)
- Migration in Azure
- Azure Data Platform - I
- Azure Data Platform - II

Agile METHODOLOGY

- Introducing Agile Principles
- Defining the Agile Framework
- Agile Ceremonies and Artifacts
- Refining the Product Backlog
- Estimating and Prioritizing Product Backlog Items
- Agile Responsibilities to the Team

HANDS- ON PRACTICAL KNOWLEDGE

Case studies based on top industry frameworks help you to relate your learning with real-time based industry solutions.

COLLABORATIVE LEARNING

Take your career at the top with collaborative learning at the Croma Campus where you could learn and grow in groups.

ASSIGNMENT & QUIZZES

Practice different assignments and quizzes on different topics or at the end of each module to evaluate your skills and learning speed.

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Tools Covered of Masters in
CLOUD COMPUTING

AWS CLOUD	NUMPY	PYTHON	SCIPY	EXCEL	ANSIBLE
AWS CLOUD	AZURE	DEVOPS	DOCKER	EC2	GOOGLE CLOUD
JENKINS	LINUX	MAVEN	PANDA	POWER SHELL	SPLUNK >

Course PROJECT

Retail	Social Media	Supply Chain	Entrepreneurship
E-Commerce	Banking	Healthcare	Insurance

Recruitment PARTNERS

accenture High performance. Delivered.	Adecco	AON Hewitt	DELL	EBIX
EQUIFAX	EXL	genpact	GlobalLogic	HCL
IMPETUS	Infosys	JKT a HIGH IQ Company	magic	MERCER MAKE TOMORROW, TODAY
make my trip	Tech Mahindra	THINKSYS	wipro	Walmart Labs

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Croma Campus
Career Services

500+ Webinars	**600+** Job Shares	**400+** Hiring Partners	**55%** Avg. Salary Hike

Learner REVIEWS

My Name is Pankaj Korana and Currently, I work as a cloud solution architect in HCL Technologies, I had enquired about cloud computing training in Croman Campus, I was approached by one of their career counselors Mr. Gaurav Yadav. He is really a skilled counselor and he cleared my all doubts related to the career opportunities in this course, after that, I enrolled in this institution for the same training.

Pankaj Koranga
HCL Technologies

Hello, I am Akshara Tyagi and I have done my Cloud Computing Training from Croma Campus Noida. My experience is good as their faculty is superb and they have a good experience. Their consulting team is very capable too as they have good knowledge of the courses and tier career-related benefits.

Akshara Tyagi
Tech Mahindra

Hello, my name is Aamana Dutta and I am a Cloud Engineer in Yash Technologies. I have done my Cloud Computing Training from Croma Campus a few years back. My trainer had a very good teaching style and he made our doubts clear. Their placement team is very efficient and they provided 4-5 interviews for our batch. I was able to clear the interviews thanks to my trainer.

Aamana Dutta
Yash Technologies

4.2/5 10.30+ Google Review	**4.8**/5 1324+ Sulekha Review	**4.3**/5 1294+ Just Dial Review	**4.5**/5 12980+ Facebook Review

WE ARE AFFILIATED WITH DIFFERENT PARTNERS

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