

Croma Campus is now

NASSCOM[®]

Certified Member



GOOGLE PROFESSIONAL CLOUD DEVOPS ENGINEER CERTIFICATION TRAINING



Chase your dream companies



500K+

Satisfied Students



100K+

Online Students



300+

Trainers



300K+

Placements



200+

Global Certifications



150+

Companies



1.2 Million
Learners



1-1 Personalized
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 **Trick**



Career-oriented Sessions

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



Mock Interview Preparation

Prepare with mock interviews including most asked questions by top employers



Dedicated Job Portal Access

Get exclusive access to 200 job postings per month on Intellipaat's job portal



Profile Building

Craft a Cloud Computing resume and LinkedIn profile and make an impression on top employers



1:1 Mentoring Sessions

Get 1:1 guidance at every step in your career transition to Cloud Computing



Minimum 3 guaranteed interviews

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

Program **FEATURES**



Key **Highlights**

- ✔ Instructor - Led Training
- ✔ Self- paced Videos
- ✔ Project & Exercises
- ✔ Job Assistance
- ✔ Flexible Schedule
- ✔ Life Time Free Upgrade
- ✔ Mentor Support
- ✔ Guaranteed Interviews
- ✔ 1 - 1 with industry mentors
- ✔ Training Certification

Who Should Enroll in **this Program?**

Any technical degree or equivalents such as B.tech, M.tech, a degree in engineering, bachelor/master's in computer science, and basic programming knowledge.

This program caters to a wide audience, from those who are hoping to enter the industry

- ✔ Fresh graduates who are intent on taking the plunge into the job market
- ✔ Developers who are working in one of the functional roles of front-end or back development and want to shift to full stack development
- ✔ Test engineers, system engineers, and others who want to make a career shift to

✓ Module 1 : Applying site reliability engineering principles to a service

- Balance change, velocity, and reliability of the service
 - ◇ Discover SLIs (availability, latency, etc.)
 - ◇ Define SLOs and understand SLAs
 - ◇ Agree to consequences of not meeting the error budget
 - ◇ Construct feedback loops to decide what to build next
 - ◇ Toil automation
- Manage service life cycle
 - ◇ Manage a service (e.g., introduce a new service, deploy it, maintain and retire it)
 - ◇ Plan for capacity (e.g., quotas and limits management)
- Ensure healthy communication and collaboration for operations
 - ◇ Prevent burnout (e.g., set up automation processes to prevent burnout)
 - ◇ Foster a learning culture
 - ◇ Foster a culture of blamelessness

✓ Module 2 : Building and implementing CI/CD pipelines for a service

- Design CI/CD pipelines
 - ◇ Immutable artifacts with Container Registry
 - ◇ Artifacts repositories with Container Registry
 - ◇ Deployment strategies with Cloud Build, Spinnaker
 - ◇ Deployment to hybrid and multi-cloud environments with Anthos, Spinnaker, Kubernetes
 - ◇ Artifacts versioning strategy with Cloud Build, Container Registry
 - ◇ CI/CD pipeline triggers with Cloud Source Repositories, Cloud Build GitHub App, Cloud Pub/Sub
 - ◇ Testing a new version with Spinnaker
 - ◇ Configure deployment processes (e.g., approval flows)
- Implement CI/CD pipelines
 - ◇ CI with Cloud Build
 - ◇ CD with Cloud Build
 - ◇ Open source tooling (e.g. Jenkins, Spinnaker, Git Lab, Concourse)
 - ◇ Auditing and tracing of deployments (e.g., CSR, Cloud Build, Cloud Audit Logs)

- Manage configuration and secrets
 - ◇ Secure storage methods
 - ◇ Secret rotation and configuration changes
- Manage infrastructure as code
 - ◇ Terraform / Cloud Deployment Manager
 - ◇ Infrastructure code versioning
 - ◇ Make infrastructure changes safer
 - ◇ Immutable architecture
- Deploy CI/CD tooling
 - ◇ Centralized tools vs. multiple tools (single vs multi-tenant)
 - ◇ Security of CI/CD tooling
- Manage different development environments (e.g., staging, production, etc.):
 - ◇ Decide on the number of environments and their purpose
 - ◇ Create environments dynamically per feature branch with GKE, Cloud Deployment Manager
 - ◇ Local development environments with Docker, Cloud Code, Scaffold
- Secure the deployment pipeline:
 - ◇ Vulnerability analysis with Container Registry
 - ◇ Binary Authorization
 - ◇ IAM policies per environment

✓ Module 3 : Implementing service monitoring strategies

- Manage application logs
 - ◇ Collecting logs from Compute Engine, GKE with Stackdriver Logging, Fluentd
 - ◇ Collecting third-party and structured logs with Stackdriver Logging, Fluentd
 - ◇ Sending application logs directly to Stackdriver API with Stackdriver Logging
- Manage application metrics with Stackdriver Monitoring
 - ◇ Collecting metrics from Compute Engine
 - ◇ Collecting GKE/Kubernetes metrics
 - ◇ Use metric explorer for ad hoc metric analysis
- Manage Stackdriver Monitoring platform
 - ◇ Creating a monitoring dashboard
 - ◇ Filtering and sharing dashboards

- ◇ Configure third-party alerting in Stackdriver Monitoring (i.e., Pager Duty, Slack, etc.)
- ◇ Define alerting policies based on SLIs with Stackdriver Monitoring
- ◇ Automate alerting policy definition with Cloud DM or Terraform
- ◇ Implementing SLO monitoring and alerting with Stackdriver Monitoring
- ◇ Understand Stackdriver Monitoring integrations (e.g., Grafana, BigQuery)
- ◇ Using SIEM tools to analyze audit/flow logs (e.g., Splunk, Data dog)
- ◇ Design Stackdriver Workspace strategy
- Manage Stack Driver Logging platform
 - ◇ Enabling data access logs (e.g., Cloud Audit Logs)
 - ◇ Enabling VPC flow logs
 - ◇ Viewing logs in the GCP Console
 - ◇ Using basic vs. advanced logging filters
 - ◇ Implementing logs-based metrics
 - ◇ Understanding the logging exclusion vs. logging export
 - ◇ Selecting the options for logging export
 - ◇ Implementing a project-level / org-level export
 - ◇ Viewing export logs in Cloud Storage and BigQuery
 - ◇ Sending logs to an external logging platform
- Implement logging and monitoring access controls:
 - ◇ Set ACL to restrict access to audit logs with IAM, Stack driver Logging
 - ◇ Set ACL to restrict export configuration with IAM, Stack driver Logging
 - ◇ Set ACL to allow metric writing for custom metrics with IAM, Stack driver Monitoring

✓ Module 4 : Optimizing service performance

- Identify service performance issues
 - ◇ Evaluate and understand user impact (Stackdriver Service Monitoring for App Engine, Istio)
 - ◇ Utilize Stackdriver to identify cloud resource utilization
 - ◇ Utilize Stackdriver Trace/Profiler to profile performance characteristics
 - ◇ Interpret service mesh telemetry
 - ◇ Troubleshoot issues with the image/OS
 - ◇ Troubleshoot network issues (e.g., VPC flow logs, firewall logs, latency, view network details)

- Debug application code:
 - ◇ Application instrumentation
 - ◇ Stackdriver Debugger
 - ◇ Stackdriver Logging
 - ◇ Stackdriver Trace
 - ◇ Debugging distributed applications
 - ◇ App Engine local development server
 - ◇ Stackdriver Error Reporting
 - ◇ Stackdriver Profiler
- Optimize resource utilization:
 - ◇ Identify resource costs
 - ◇ Identify resource utilization levels
 - ◇ Develop plan to optimize areas of greatest cost or lowest utilization
 - ◇ Manage pre-emptible VMs
 - ◇ Work with committed-use discounts
 - ◇ TCO considerations
 - ◇ Consider network pricing

✓ Module 5 : Managing service incidents

- Coordinate roles and implement communication channels during a service incident:
 - ◇ Define roles (incident commander, communication lead, operations lead)
 - ◇ Handle requests for impact assessment
 - ◇ Provide regular status updates, internal and external
 - ◇ Record major changes in incident state (When mitigated? When all clear? etc.)
 - ◇ Establish communications channels (email, IRC, Hangouts, Slack, phone, etc.)
 - ◇ Scaling response team and delegation
 - ◇ Avoid exhaustion / burnout
 - ◇ Rotate / hand over roles
 - ◇ Manage stakeholder relationships
- Investigate incident symptoms impacting users
 - ◇ Identify probable causes of service failure
 - ◇ Evaluate symptoms against probable causes; rank probability of cause based on observed behavior

- ◇ Perform investigation to isolate most likely actual cause
- ◇ Identify alternatives to mitigate issue
- Mitigate incident impact on users:
 - ◇ Roll back release
 - ◇ Drain / redirect traffic
 - ◇ Turn off experiment
 - ◇ Add capacity
- Resolve issues (e.g., Cloud Build, Jenkins):
 - ◇ Code change / fix bug
 - ◇ Verify fix
 - ◇ Declare all-clear
- Document issue in a post-mortem:
 - ◇ Document root causes
 - ◇ Create and prioritize action items
 - ◇ Communicate post-mortem to stakeholders

✓ Module 6 : Placement Guide

- Tips to clear an Interview
- Common Interview questions and answers
- Google Professional Cloud DevOps Engineer Interview Questions and Answers
- Resume Building Guide
- Attempt for the Global Certification Exam
- Earn Credentials and Start applying for Jobs

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 is **Nasscom Certified**

Croma Campus is now

NASSCOM[®]

Certified Member



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. "



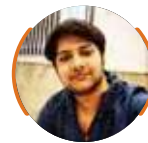
Ankit

"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. "



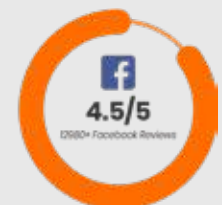
Umesh

"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. "



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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