



DEVOPS ENGINEER MASTERS PROGRAM :-



A Comprehensive Program Featuring 12 Specializations



UPSKILLMENT

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INTRODUCTION

The DevOps Engineer Masters Program is designed to give you a deep and comprehensive understanding of the DevOps lifecycle and equip you with the skills needed to succeed in one of the fastest-growing IT fields. With organizations adopting automation, continuous integration, and cloud-native solutions, DevOps professionals are essential to streamline and optimize development, deployment, and monitoring processes.

In this program, you will gain hands-on experience with industry-leading tools such as Jenkins, Docker, Kubernetes, AWS, Terraform, Ansible, Git, Prometheus, Grafana, and Nagios, among others. These tools will allow you to master concepts like CI/CD, infrastructure automation, cloud computing, and containerization.

Whether you're an IT professional, developer, or system administrator, this program will provide you with the knowledge and practical expertise to automate workflows, manage scalable infrastructure, and enhance software delivery. By focusing on real-world applications and industry best practices, you'll be ready to drive change in your organization and step into top DevOps roles.

CURRICULUM

DevOps Certification Training Course - LIVE CLASS

Upskillment's DevOps Training Course will provide you with in-depth knowledge of various DevOps tools, including Git, Jenkins, Docker, Ansible, Terraform, Kubernetes, Prometheus, and Grafana. This course is entirely hands-on and designed to help you become a certified practitioner through best practices in Continuous Development, Configuration Management, Integration, and Continuous Monitoring of software throughout its development lifecycle. This live instructor-led training program helps you work on LIVE projects and gain DevOps engineer certification.



Duration: 16 Hours

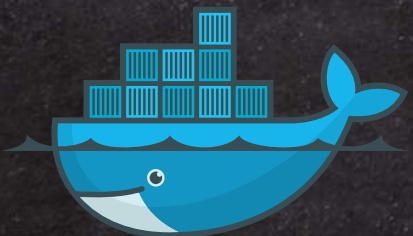
Docker Certification Training Course - LIVE CLASS

Learn to build, deploy, and manage containerized applications with Upskillment's Docker Certification Training. This course covers essential Docker concepts such as:

- Understanding containerization and Docker architecture
- Building and managing Docker images and containers
- Working with Docker Compose for multi-container applications
- Deploying applications using Docker Swarm for orchestration
- Best practices for container security and monitoring

Gain hands-on experience with real-world scenarios and prepare for the Docker Certification Exam.

Duration: 14 Hours



Kubernetes Certification Training Course: Administrator (CKA) - LIVE CLASS :

Master Kubernetes, the leading container orchestration platform, with Upskillment's Kubernetes Certification Training. This course covers key topics such as:

- Kubernetes architecture and core components (Pods, Deployments, Services)
- Cluster setup, scaling, and high availability
- Storage management, persistent volumes, and Helm charts
- Security implementation with RBAC and network policies
- CI/CD integration and Kubernetes troubleshooting

Get hands-on experience in deploying and managing containerized applications, and gain the skills needed to pass the Certified Kubernetes Administrator (CKA) exam.



Duration: 16 Hours

AWS Certified DevOps Engineer - Professional Exam - LIVE CLASS

Prepare for the AWS Certified DevOps Engineer exam with Upskillment's comprehensive training. This course covers:

- Advanced AWS services such as CodeCommit, CodePipeline, and CloudFormation
- Continuous Integration and Continuous Deployment (CI/CD) on AWS
- Infrastructure as Code (IaC) using CloudFormation and Terraform
- Automation and monitoring using AWS tools like CloudWatch and AWS Config
- Security best practices and managing application performance at scale

Gain hands-on experience with real-world scenarios and be fully prepared to pass the AWS Certified DevOps Engineer – Professional exam.

Duration: 16 Hours

Linux Fundamentals Certification Training - SELF PACED

Build a strong foundation in Linux with Upskillment's Linux Fundamentals Certification Course. This course covers:

- Linux installations, package management, and architecture
- File system management and user administration
- Scripting, data handling, and essential commands and utilities

Gain hands-on experience and get ready to dive deeper into Linux Kernel, Administration, and Programming.

Duration: Self-paced

Python Scripting Certification Training - SELF PACED

Learn Python scripting for rapid application development with Upskillment's Python Scripting Course. This course covers:

- Core Python concepts and syntax
- Writing and executing scripts for real-world applications
- Working with data structures, functions, and modules

Build the foundation to develop efficient Python scripts for automation and problem-solving.

Duration: Self-paced



Linux Fundamentals Certification Training :

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- Master Linux installation, architecture, file systems, user management, and scripting to build a strong foundation in Linux.

Duration: Self-paced

Python Scripting Certification Training :

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- Learn core Python concepts, writing and executing scripts, and working with data structures to automate tasks and solve problems efficiently.

Duration: Self-paced

Jenkins Certification Training :

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- Gain proficiency in Jenkins for Continuous Integration and Delivery, automation of software pipelines, and integrating with version control and deployment tools.

Duration: Self-paced

Chef Certification Training :

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- Master configuration management using Chef, focusing on writing recipes, automating tasks, and managing infrastructure at scale.

Duration: Self-paced

Git and GitHub:

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- Become proficient in Git for version control, managing branches, commits, and merging, along with collaborating on GitHub for code reviews and project management.

Duration: Self-paced :

Splunk Power User & Admin Certification Training :

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- Gain expertise in analyzing and visualizing machine data, managing Splunk searches, and administering users and systems.

Duration: Self-paced

DEVOPS ENGINEER MASTERS PROGRAM FEATURES :

Flexible Learning Options:

Choose what fits your schedule! Attend classes on weekdays or weekends, and select from morning or evening sessions to accommodate your personal commitments.

Class Rescheduling Flexibility:

Never miss a session! If you're unable to attend, you can easily switch to another batch that fits your availability.

Dedicated Learning Manager:

Get personalized support from a Learning Manager who is fully committed to answering all your questions and guiding you throughout the course.

Job Assistance:

Receive dedicated job assistance, including resume building, interview preparation, and job placement support to help you land your dream role in DevOps.

Hands-On Projects and Real-World Simulations:

Gain practical experience with industry-relevant projects and simulations, ensuring you can apply your knowledge to real-world scenarios.

Industry-Recognized Certification:

Earn a certification that is recognized by top organizations, validating your expertise and helping you stand out in the competitive job market.

DevOps Career Outlook



- 2.5 million job opportunities expected for experienced DevOps professionals across industries.
- Median salary of \$125,000 for DevOps teams in top companies, with small companies offering \$95,000.
- 23% annual growth in DevOps job opportunities worldwide over the last few years.
- Top industries hiring DevOps: Retail, Defense, Healthcare, Business/IT Services.
- In-demand DevOps roles: Security Engineer, Integration Specialist, DevOps Engineer, Automation Engineer, DevOps Architect.

LET'S CONNECT

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