

# DevOps Training Program

Empowering Your Career with Industry-Relevant Skills

Quridge Global Solutions Pvt Ltd, Bangalore

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## Why Choose Our DevOps Training?

In today's fast-paced tech industry, companies seek professionals who can hit the ground running. At Quridge Global Solutions, we've designed a comprehensive DevOps training program to meet these demands, equipping participants with hands-on, industry-aligned skills to excel in the job market. With over 20 years of corporate training expertise, we deliver masterclasses that blend real-world insights with best practices.

### Key Skills You'll Master

- **Linux for DevOps:** Master the fundamentals of Linux, the backbone of DevOps operations.
- **Bash & Python Basics:** Learn scripting essentials for automation and workflow optimization.
- **AWS Cloud:** Gain expertise in Amazon Web Services and its vast cloud solutions.
- **Git:** Develop proficiency in version control, crucial for collaborative development.
- **Jenkins & Ansible:** Understand continuous integration, deployment, and configuration management.
- **Docker & Kubernetes:** Learn containerization and orchestration for scalable applications.
- **Prometheus & Grafana:** Develop monitoring and visualization skills for system performance.

## Training Methodology

- **Hybrid Model:** A blend of offline and online sessions for maximum flexibility and accessibility.
- **Practical Emphasis:** 70% hands-on training and 30% theory to ensure real-world application.

## Our Competitive Advantages

- ✓ Hands-on practical training
- ✓ Live project experience
- ✓ Industry-recognized certification
- ✓ Interactive virtual learning
- ✓ Placement assistance & corporate partnerships

## Course Content

### *Introduction to DevOps*

- *What is DevOps? Why DevOps?*
- *Definition of DevOps and DevOps Tools*
- *Big Picture of CI/CD DevOps*
- *Delivery Pipeline and SDLC Models*
- *Fundamental Principles of DevOps*
- *DevOps Roles and Responsibilities*
- *Continuous Integration in DevOps*

### *Version Control System - Git*

- *Introduction to VCS and Types of VCS*
- *Difference between CVCS and DVCS*
- *Git Architecture, Installation, and Commands*
- *Creating and Cloning Repositories*
- *Branching, Merging, and Rebasing*
- *Working with GitHub*

### *Continuous Integration - Jenkins*

- *Jenkins Workflow and Dashboard*
- *Creating and Running Jobs*
- *Global Environment Variables and Plugins*
- *Authorization Strategies and RBAC*
- *Scheduling Jobs and Webhooks*
- *Pipeline as Code with Jenkinsfile*

### *Maven*

- *Understanding Maven's core concepts (POM, repositories, plugins)*
- *Project setup, Dependency management*
- *Building and deploying applications, and integrating with IDEs*
- *Continuous integration tools like Jenkins*

### *Containerization Using Docker*

- *Docker Features and Architecture*
- *Containers vs. Virtualization*
- *Docker Images, Containers, and Networking*
- *Docker Hub, Docker Compose, and Volumes*
- *Automating Deployment with Jenkins*

### *Configuration Management - Ansible*

- *Ansible Architecture and Use Cases*
- *Inventory, Adhoc Commands, and Playbooks*
- *Ansible Roles and Galaxy*
- *Deploying WordPress with Ansible*

### *Prometheus & Grafana*

- *Prometheus Architecture and Installation*
- *Monitoring Container Metrics*
- *Grafana Dashboards for Kubernetes*
- *Alerting Rules in Prometheus*

### *AWS Cloud Services*

- *EC2: Instance Provisioning, Security Groups, and Elastic IP*
- *AMI: Creating and Sharing AMIs, DLM Configuration*
- *EBS: Managing Volumes and Snapshots*
- *IAM: Users, Groups, Policies, and Roles*
- *VPC: Subnets, Route Tables, and NACLs*
- *EFS: Creating and Mounting File Systems*
- *Autoscaling: Launch Templates and Groups*
- *ELB: Load Balancers and Health Checks*
- *S3: Bucket Management, Policies, and Static Websites*
- *RDS: MySQL Instance Management and Backups*
- *SNS: Notification Services and CloudWatch Integration*
- *Route53: Domain Management and Alias Records*

## Why We Are Different

Our training stands out due to our:

- Industry-aligned curriculum
- Hands-on practical training
- Live project experience
- Certification of course completion
- Interactive virtual learning
- Certification preparation support
- Placement partnerships and assistance

## Contact Us

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## Join Now!

Register and secure your spot today:

[Training Registration & Payment Link](#)

## Partial Client List



Empower your future with Quridge's industry-leading DevOps training!