



DevOps Certification Training Course



About Us

www.qavdev.com

Qavdev is your trusted partner for precision in quality and empowerment in growth. We meticulously scrutinize every line of code to ensure digital products shine with quality, security and performance. Beyond testing, we nurture talent, partner with leading companies and generate value, empowering businesses, individuals and the tech industry itself to reach new heights. Choose **Qavdev** for the assurance of success and the promise of a brighter digital future.

At Qavdev Limited, we provide you with several weeks of industry-recognised accredited training, giving you the skills and confidence to launch your career as a Software Tester. Qavdev Limited is a leading e-learning platform providing live instructor-led interactive online training.

We cater to professionals and students across the globe in categories like Software Testing, Content Writing, UI/UX, Programming, Automation Testing, A.P.I Testing, Cyber Security, Web development and more.

We have an easy and affordable learning solution that is accessible to millions of learners. With our students spread across countries like the US, Nigeria, Germany, UK, Canada, multiple countries in Africa and many others, we have built a community of over 500 learners across the globe.

Course Description.

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This course provides a comprehensive introduction to DevOps principles and practices, along with practical skills in managing Linux servers. Students will learn a range of DevOps tools and techniques, including continuous integration with Jenkins using Pipeline as Code (Jenkinsfile), Docker image building, container orchestration with Kubernetes and Kubernetes configurations files, configuration management with Ansible, infrastructure as code with Terraform, cloud platforms and services, Linux server hardening and security, monitoring and logging with ELK Stack, backup, recovery and troubleshooting and more. The course will also cover essential Linux server management topics.

Course Duration: 12 weeks (36 hours - 3 hours per week).

DevOps Certification Training Course

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About the Course

Qavdev's DevOps training program will provide you with in-depth knowledge of various DevOps tools, including Git, Jenkins, Docker, Ansible, Terraform, Kubernetes, Prometheus and Grafana. This DevOps certification course is entirely hands-on and designed in a way to help you

become a certified practitioner through best practices in Continuous Development, Configuration Management, Continuous integration and finally, Continuous Monitoring of software throughout its development life cycle.

Why enroll for DevOps Certification Training?



Industry-Leading Platform

The DevOps market is expected to grow from USD 3.42 Billion in 2018 to USD 10.31 in 2024, at a Compound Annual Growth Rate (CAGR) of 24.7%



Opportunity in Top MNCs

Industries ADP, BBC News, ebay, GE, ING, Intuit, PayPal, Splunk, Uber & other MNCs worldwide use DevOps



Lucrative Salary

Average salary given to DevOps Engineer is around \$127,231 per annum - indeed.com

Lifetime Access

- Course Access never expires
- Free Access to Future Updates
- Unlimited access to Course Content
- Mentorship

Live Interactive Learning

- World-Class Instructors
- Expert-Led Mentoring sessions
- Instant Doubt Clearing
- LinkedIn Optimization

24x7 Support

- One-on-One Learning assistance
- Help Desk Support
- Resolve Doubts in Real-time

Hands-on Project-based learning

- Industry-Relevant Projects
- Course Demo Dataset & Files
- Quizzes & Assignments
- Interview Tips & more

Industry-Recognised Certificate

- Qavdev Training Certificate
- Graded Performance Certificate
- Certificate of Completion

Cloud Lab

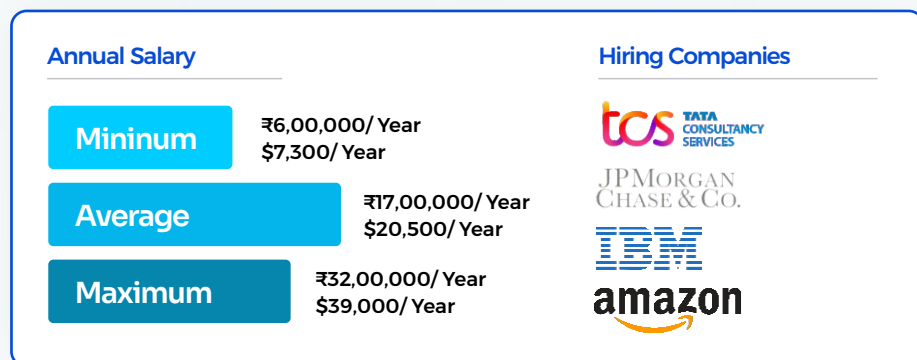
- Preconfigured Lab Environment
- Single Sign-On
- Infrastructure with Tools and Software

Training Benefits

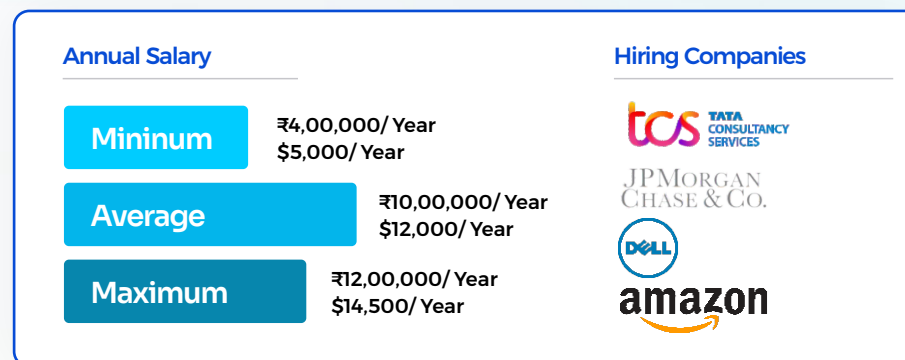
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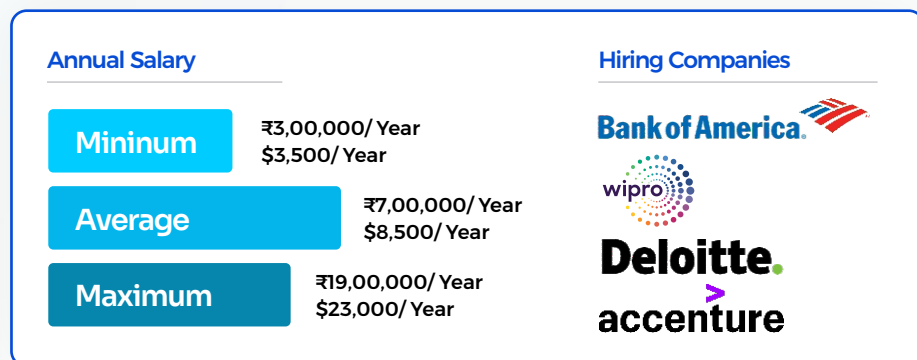
• DevOps Engineer



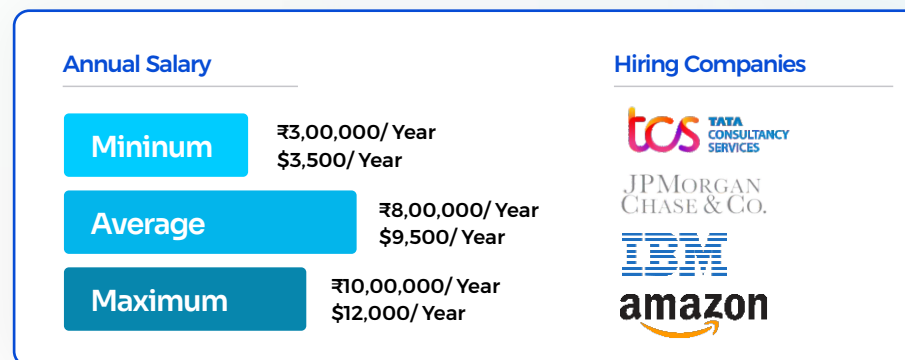
• DevOps Manager



• DevOps Architect



• DevOps Lead



Program Details

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Who should go for this DevOps Certification Training?

This DevOps training course is specially designed for

1 DevOps Practitioners

2 System Administrators

3 Cloud Professionals

4 Solution Architectures

5 Infrastructure Architects

6 Site Rehabilitation Engineers

7 Technical Leads

8 Software Engineers

9 Freshers

10 Individuals looking to establish their credibility and value in the market as experienced

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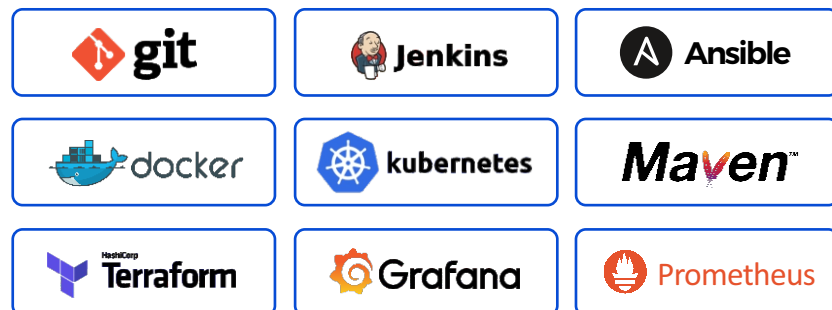
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- Overview of DevOps **05 Topics**
- Version Control with Git **05 Topics**
- Git, Jenkins and Maven Integration **08 Topics**
- Continuous Integration using Jenkins **07 Topics**
- Configuration Management using Ansible **09 Topics**
- Containerization using Docker Part - I **11 Topics**
- Containerization using Docker Part - II **05 Topics**
- Orchestration using Kubernetes Part - I **08 Topics**
- Orchestration using Kubernetes Part - II **07 Topics**
- Monitoring using Prometheus and Grafana **05 Topics**
- Provision using Terraform Part - I **06 Topics**
- Provision using Terraform Part - II **02 Topics**
- Selenium (Self-Paced) **09 Topics**
- Nagios (Self-Paced) **05 Topics**
- DevOps on Cloud (Self-Paced) **06 Topics**
- AWS Ec2 and IAM (Self-Paced) **13 Topics**

Skills covered

- ✔ Source code management
- ✔ Continuous Integration
- ✔ Continuous Deployment
- ✔ Configuration Management
- ✔ Logging and Monitoring Clusters
- ✔ Provisioning and Monitoring Resources

Tools covered



Course Levels

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DevOps Foundation

Program Duration: 12 Weeks

- Introduction to DevOps, CI/CD Tools
Pre-requisite information
- VM Setup
- Linux Intro and Commands
- Build tools and package management
- Vagrant and Linux servers
- Variables, JSON and YAML
- Project setup Manual and Automated Networking
- Introduction to Containers
- Bash Scripting
- AWS - Part 1
- AWS Cloud for Project Setup
- GIT and Source code management
- MAVEN
- CI with Jenkins

DevOps Intermediate to Advance

Program Duration: 12 Weeks

- MAVEN
- CI with Jenkins
- Python and py scripts
- Ansible
- AWS - Part 2
- AWS CI/CD Project
- Docker
- Containerization
- Kubernetes
- App Deployment on K8s Cluster
- Terraform
- GitOps Project
- CI/CD for Docker K8s using Jenkins
- Cloud Formation

Projects

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Industry: IT

Problem Statement: AppleBite Co. is using Cloud for one of their products. The project uses modular components and multiple frameworks and requires the components to be developed by different teams or by 3rd-party vendors. The company's goal is to deliver the product updates frequently to production with High quality and Reliability. They also want to accelerate software delivery speed and quality and reduce feedback time between developers and testers.



Industry: Retail

Problem Statement: A retail company Abstergo Corp. has recently setup an online shopping portal (website) to sell their products. Due to fierce competition, the company wants a solution that can reduce the time and effort it needs to enhance its website functionality on a regular basis. They are looking for an automated way to deploy the new code (for new features) to the production website whenever they want.



Qavdev Certification

Qavdev's DevOps Certification Training Course is curated by subject matter Experts to help you gain an understanding of management as well as Streamline process for the culmination of projects. The demand for DevOps Training is on the rise and there are many profitable employment possibilities, making this the ideal time to enroll and earn certification.

Upon successfully completing the DevOps Certification Training Course, Qavdev provides the course completion certificate for DevOps Professionals with life time validity.



Our Alumni Work at



Phasecurve



Ask your queries to our experts!

Qavdev course counselors and learner support advisors are available 24x7 to help with your learning needs.

Don't have a degree in Computer Science? Enroll in this course and get a certificate of completion in the DevOps Foundation certification, gain practical skills from Linux administration to cloud infrastructure with AWS, qualification for Foundational Cloud Computing Exams and application for Junior DevOps roles. Our curriculum covers topics on Cloud, Linux, Git, Containers, Continuous Integration and Delivery.

This course is for you if you love:

- Problem Solving & Challenges
- Helping/ Interacting with other Techies in a team of Quality Personnel
- Collaboration



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