



CERTIFIED DEVOPS

PROGRAM BROCHURE



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WHY VIRAJETECH?

“OUR VISION”

To be the safest, most progressive Technology Provider, relentless in the pursuit of Client and employee excellence

VirajeTech's Placement Team boasts industry-leading success, aiding thousands in seamless transitions to DEVOPS careers.



EXPERT TRAINERS

10+year experienced and Industry Experts

Elite Faculty from Prestigious universities with deep research and coaching expertise

COMPREHENSIVE

30 hours & 700+ Learning Hrs. Syllabus aligned with virajetech standards and rigorously updated to match with latest industry requirements



JOB ASSISTANCE

End to End job Support

Personalized resume and interview preparation support Job updates and connects

REALTIME EXPERIENCE

Projects and Internships

20 capstone projects and 1 client projects with active interaction Internship -developing POCs

PROGRAM STRUCTURE

THE COURSE FOR BEGINNERS' PROFESSIONALS AND INTERMEDIATE LEARNERS IN THE FIELD OF

DEVOPS THIS IS A CAREER- ORIENTED PROGRAM, DESIGNED TO IMPART A STRONG FOUNDATION



- PRE COURSE SELF-STUDY
- HIGH QUALITY VIDEOS WITH EASY LEARNING APPROACH.

CERTIFICATIONS

- JOB READY PROGRAM

- LIVE TRAINING
- 30 HOUR A WEEK
- COMPREHENSIVE SYLLABUS

- HANDS-ON PROJECTS

- EXPERT TRAINERS AND MENTORS



DEVOPS TERRAFORM



WHY DEVOPS?

A DevOps e-learning course is a strategic choice for individuals aiming to excel in the contemporary IT landscape. The course not only addresses the surging demand for DevOps professionals but also aligns with the industry's need for agility and collaboration. Through the e-learning format, learners gain flexibility, enabling them to balance their education with existing commitments. Practical exercises and simulated environments within the course ensure hands-on experience, crucial for mastering DevOps tools and methodologies. The global accessibility of e-learning fosters a diverse learning community, while continuous updates keep learners abreast of the latest industry trends. Overall, a DevOps e-learning course offers a comprehensive, flexible, and globally accessible pathway to acquiring in-demand skills in the dynamic realm of IT.

1 Introduction to DevOps and Terraform

- *Overview of DevOps principles and practices*
- *Introduction to Infrastructure as Code (IaC) with Terraform*
- *Key concepts and terminologies in DevOps*
- *Role of Terraform in modern infrastructure management*
- *Advantages of Terraform over traditional provisioning methods*
- *Overview of Terraform architecture and components*
- *Significance of Terraform in DevOps workflows*
- *Real-world use cases of Terraform in infrastructure provisioning*
- *Importance of scalability in Terraform-based environments*
- *Career opportunities in DevOps and Terraform*

2 Terraform Fundamentals

- *Writing and understanding Terraform HCL (HashiCorp Configuration Language)*
- *Defining and managing Terraform variables*
- *Organizing Terraform code with modules*
- *Understanding Terraform providers and resources*
- *Managing state in Terraform deployments*
- *Terraform data sources for retrieving external information*
- *Terraform expressions and functions*
- *Terraform and version control systems (e.g., Git)*
- *Real-world use cases of Terraform fundamentals*

3 DevOps CI/CD with Terraform

- *Integrating Terraform into CI/CD pipelines*
- *Terraform and version control systems (Git)*
- *Automated testing in Terraform deployments*
- *Building CI/CD pipelines with Jenkins and Terraform*
- *Managing Terraform state in a collaborative environment*
- *Blue-Green deployments and canary releases with Terraform*
- *Best practices for efficient CI/CD with Terraform*
- *Security considerations in Terraform CI/CD workflows*
- *Real-world use cases of Terraform in CI/CD*

4 Terraform Infrastructure Provisioning

- *Terraform providers for different cloud platforms (e.g., AWS, Azure, GCP)*
- *Configuring and managing compute resources with Terraform*
- *Networking resources in Terraform deployments*
- *Managing storage and databases with Terraform*
- *Security and compliance considerations in Terraform*
- *Terraform and infrastructure as code (IaC) best practices*
- *Infrastructure drift detection and correction*
- *Real-world use cases of Terraform infrastructure provisioning*
- *Impact of Terraform on infrastructure scalability*

5 Terraform Networking and Security

- *Virtual Private Cloud (VPC) configuration with Terraform*
- *Subnets, security groups, and firewall rules in Terraform*
- *Load balancing and traffic management with Terraform*
- *Integrating DNS and CDN services with Terraform*
- *Security best practices for Terraform deployments*
- *Identity and Access Management (IAM) principles in Terraform*
- *Encryption and key management in Terraform*
- *Real-world use cases of Terraform networking and security*
- *Impact of Terraform on infrastructure reliability*

6 Advanced Terraform Topics

- *Dynamic configurations with count and for_each in Terraform*
- *Remote state management with Terraform*
- *Terraform workspaces for multiple environments*
- *Terraform Cloud and Terraform Enterprise*
- *Sentinel policies for governance in Terraform*
- *Advanced Terraform expressions and functions*
- *Extending Terraform with providers and plugins*
- *Real-world use cases of advanced Terraform topics*
- *Impact of advanced Terraform features on infrastructure management*

7 Terraform Monitoring and Logging

- *Configuring alerts and dashboards for Terraform deployments*
- *Terraform state locking and concurrency control*
- *Terraform graph for visualizing resource dependencies*
- *Real-time analysis of Terraform logs and metrics*
- *Debugging and troubleshooting in Terraform deployments*
- *Best practices for monitoring and logging in Terraform*
- *Integrating monitoring tools into CI/CD pipelines*
- *Real-world use cases of monitoring and logging in Terraform*
- *Impact of monitoring and logging on infrastructure reliability*

8 Terraform and Cloud Platforms

- *Terraform modules for cloud-native services*
- *Serverless computing with Terraform*
- *Cloud-native development and Terraform*
- *Configuring and optimizing Terraform on cloud infrastructure*
- *Hybrid cloud deployments with Terraform*
- *Real-world use cases of Terraform on cloud platforms*
- *Best practices for Terraform in cloud environments*
- *Security considerations in Terraform deployments on the cloud*
- *Impact of Terraform on cloud-native application development*

9 Terraform Best Practices and Optimization

- *Terraform module design patterns*
- *Terraform state management best practices*
- *Optimizing Terraform code for performance*
- *Minimizing security vulnerabilities in Terraform code*
- *Efficient use of Terraform variables and expressions*
- *Implementing Terraform testing and validation*
- *Real-world use cases of Terraform best practices*
- *Impact of Terraform optimization on infrastructure performance*
- *Continuous improvement in Terraform development workflows*

INTERNSHIP

Explore valuable internship opportunities with us! Join a dynamic and innovative environment, collaborate on real-world projects, and enhance your skills. We're seeking motivated individuals with a passion for learning and strong communication skills. This internship offers hands-on experience, exposure to industry best practices, and potential career pathways.



VIRAJETECH EXPERTISE CLASS

VIRAJETECH EXPERTISE CLASS

JOB READY PROGRAM

PROJECT MENTORING

100 hours Live Mentoring in industry projects



DOUBTS SESSIONS

Twice a week, Live doubts session from mentors and experts



PLACEMENT ASSISTANCE TEAM

INTERVIEW QUESTIONS

Frequently asked interview questions course included



JOB COUNSELLING

Mapping your profile to suitable job role



RESUME SUPPORT

Personalized resume creation support from professionals



ALUMINI CONNECT

Connect with successful Alumni to learn from experience



PLACEMENT ASSISTANCE



OUR LEARNER'S FEED BACK

HIGHEST LEVEL OF CUSTOMER DELIGHT

 **Ruchi S**
1 review · 3 photos
★★★★★ 3 months ago

VirajeTech has been a game-changer for me. Their training courses have provided me with the skills I needed to excel in my career 4X. The instructors and Arjun sir are passionate about what they do, and it shows in their teaching. Hands on and practical way of teaching, I highly recommend VirajeTech to anyone looking to further their knowledge and skills

 **Anoop G**
6 reviews
★★★★★ 3 months ago

Getting placed at Amency was a dream come true, and I owe a big thank you to VirajeTech for making it possible. The instructors were experts in their field, and they created a supportive learning environment. The hands-on approach and practical exercises made all the difference.

 **Sachidanand Shahane**
3 reviews
★★★★★ 7 months ago

I am part of the AWS Associate master Class. The course was designed in a fashion that we are able to cover most of the content in a very short time. our trainer Kumar sir clarified any doubt we had and also pushed us to do the practicals which is really helpful in the learning process. Hi having vast knowledge and experience in Devops and Multi cloud platform(AWS,Azure,GCP),he provide the opportunity to get as much knowledge and guidance as possible. each session are interactive has real time use cases.

 **Sayali Gawde**
2 reviews
★★★★★ a year ago

Thanks for the AWS tutoring by Virajtech. The best decision I have taken in my career so far. Instructor was very helpful and gave all possible solutions related to the problem which we faced in real time scenarios. This is what I have experienced in this course, a very practical and beneficial one.

 **Piyush Poply**
2 reviews
★★★★★ 3 years ago

I am connected with this organization since its inception. This is one of the best places to learn, practice and grow your skills up to the standards of the industry. As in IT industry, maintaining your skills and updating yourself is the most important thing, we should never stop learning and this is exactly what this institute provides. The online classes are really great as well as the trainers.

 **Harpreet Singh**
12 reviews
★★★★★ 7 months ago

Give very detailed explanation and also live teaching classes. Covering all latest topics which for sure help in getting jobs in today's market

ADMISSIONS AND CONTACTS

ENQUIRE FOR DETAILED INFORMATION FOR ENROLLMENT

DURATION:35 HOURS

LEARNING : ONLINE MODE

b 1st floor, 64, 3rd Cross Rd, Electronics City

Phase 1, Electronic City, Bengaluru, Karnataka

560100

PHN NO:8618501719



8 HRS/WEEK

SELF STUDY



8 HRS/WEEK



INSTRUCTOR LED LIVE ONLINE LEARNING



4 HRS/WEEK

PROJECTS & ASSESSMENTS

20 HOURS A WEEK COMMITMENT



DEVOPS IS RATED AS **THE TOP CAREER**

HIGHEST PAID – RECESSION PROOF – MILLIONS OF JOBS



TAKE YOUR FIRST STEP TOWARDS DEVOPS CAREER

[ENQUIRE NOW](#)

THANK *you*

You  Tube

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