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# CERTIFIED AWS 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

**The Best Placement records in the Industry** **virajetech** Placement Team assisted thousands of aspirants in transitioning to Data Science career



### 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 BEGINNER's PROFESSIONALS AND INTERMEDIATE LEARNERS  
IN THE FIELD OF  
AWS 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
- 20 HOUR A WEEK
- 2-MONTH DURATION
- COMPREHENSIVE SYLLABUS
- HANDS-ON PROJECTS
- EXPERT TRAINERS AND MENTORS



# AWS Devops Engineer



## WHY AWS?

AWS certifications are highly valued in the IT industry due to Amazon Web Services being a leading cloud services provider. These certifications validate expertise in specific areas such as cloud architecture, development, operations, and security, providing a globally recognized benchmark for employers. With the increasing shift towards cloud infrastructure, proficiency in AWS has become a crucial skill set. The structured nature of AWS certification courses ensures individuals gain hands-on experience and in-depth knowledge, making them stand out in a competitive job market. As the IT industry continues to evolve, AWS certifications offer professionals a clear pathway to acquiring specialized skills aligned with industry best practices, making them an integral part of career development.



## 1. Introduction to DevOps

- *Overview to Devops*
- *What is DevOps?*
- *Understanding DevOps and its lifecycle*
- *Problems with Traditional Development Practices*
- *Why DevOps?*
- *Knowledge Check*
- *Summary*

## 2. DevOps Methodology

- *DevOps Methodology Overview*
- *DevOps Culture*
- *DevOps Practices*
- *Overview of AWS Organizations*
- *Knowledge Check*
- *Summary*

### **3.DevOps On Cloud**

- *Understanding DevOps and its lifecycle*
- *Why DevOps on Cloud?*
- *Introduction to AWS*
- *DevOps using AWS*
- *Security Management - IAM (Identity and Access Management), WAF (Web Application Firewall), AWS Shield, Guard Duty*
- *Trusted Advisor*

### **4.SDLC Automation**

- *CodeCommit*
- *CodeBuild*
- *CodePipeline*
- *CodeDeploy*
- *AWS CodeStar*

### **5.AWS DevOps Tools**

- *DevOps Tools Overview*
- *AWS DevOps Tools*
- *Knowledge Check*
- *Amazon's DevOps Transformation*
- *Summary*

## **6.Automating Infrastructure with CloudFormation**

- ***Introduction to CloudFormation***
- ***CloudFormation Template***
- ***Intrinsic Functions & Conditions***
- ***Stack Creation***
- ***Advanced CloudFormation Concepts - CloudFormation Nesting, CloudFormation Wait Conditions & Wait Condition Handlers, CloudFormation Helper Scripts, CloudFormation Custom Resources***
- ***CloudFormation Stack Updates***
- ***CloudFormation Resource Deletion Policy***
- ***CloudFormation Best Practices***
- ***Troubleshooting***

## **7.Application Deployment Using Elastic Beanstalk**

- ***Introduction to Elastic Beanstalk***
- ***Components of Beanstalk***
- ***Deployment Option***
- ***Platform Updates***
- ***Docker in Elastic Beanstalk***
- ***Extending Beanstalk using extensions***
- ***Alarms and Notification***
- ***Troubleshooting***

## **8.Configuration Management Using OpsWorks**

- *Introduction to OpsWorks*
- *Components of OpsWorks*
- *Cookbooks, Recipes, Data bags and Berkshelf*
- *OpsWorks Lifecycle Events*
- *OpsWorks Deployment*
- *OpsWorks Auto-Healing*
- *Troubleshooting*

## **9.Automate Monitoring And Event Management In AWS**

- *Introduction to CloudWatch*
- *CloudWatch Metrics: EC2, ELB, and Auto Scaling metrics*
- *Custom Metrics*
- *CloudWatch Alarms*
- *CloudWatch Agent*
- *CloudWatch Logs*
- *Introduction to CloudTrail*
- *System Manager*
- *Tagging*
- *Concepts required to set-up event-driven automated actions - Lambda, SNS, Autoscaling*

## **10.High Availability, Fault Tolerance, And Disaster Recovery**

- **EBS**
- **Elastic IP**
- **Multi region and multi AZs**
- **SQS**
- **Data Management in Amazon RDS**
- **Dynamo DB**
- **S3**
- **Provisioning elasticity using Load Balancer and Auto-Scaling**
- **Components of Auto Scaling**
- **Horizontal and vertical scaling**
- **Auto-Scaling Lifecycle**
- **Recovery Time Objective and Recovery Point Objective**
- **Disaster Recovery Options**
- **Overcome single Point of Failure**
- 

## **11.Container Management Tools**

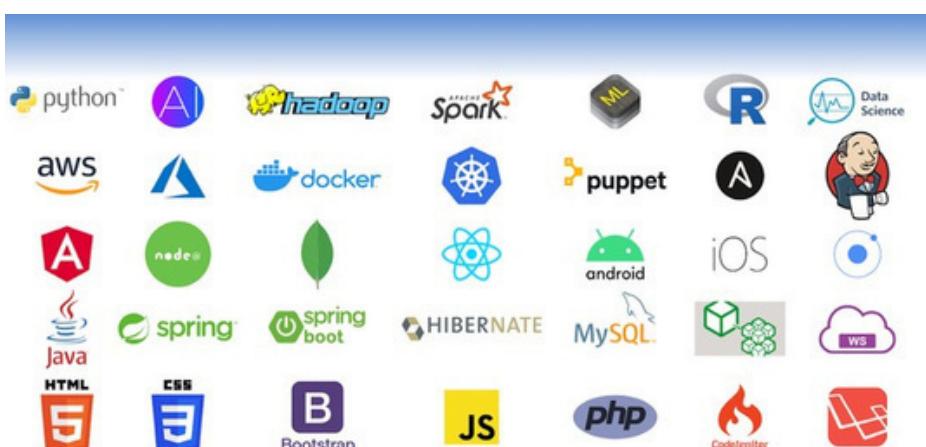
- **Orchestration**
- **Elastic Container Service**
- **Amazon ECR**
- **Select a Launch type for your application**
- **ECS with EC2**
- **ECS with Fargate**

# 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

## PLACEMENT ASSISTANCE TEAM



### PROJECT MENTORING

100 hours Mentoring in projects live industry

### INTERVIEW QUESTIONS

Frequently asked interview questions course included

### DOUBTS SESSIONS

Twice a week, Live doubts session from mentors and experts

### RESUME SUPPORT

Personalized resume creation support from professionals

### ALUMNI CONNECT

Connect with successful Alumni to learn from experience

### JOB COUNSELLING

Mapping your profile to suitable job role

## PLACEMENT ASSISTANCE

KANTAR

IQVIA™

genpact

Capgemini

cognizant

SymphonyAI

SagasIT  
Analytics

amazon

EXAMROOM.AI

Affine  
Data > Insights > Transformation

accenture

SUTHERLAND

TATA  
CONSULTANCY SERVICES



Mercedes-Benz

HCL

# 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



SELF STUDY

8 HRS/WEEK



INSTRUCTOR LED LIVE ONLINE LEARNING

8 HRS/WEEK



PROJECTS & ASSESSMENTS

4 HRS/WEEK

20 HOURS A WEEK COMMITMENT



AWS IS RATED AS **THE TOP CAREER**  
HIGHEST PAID – RECESSION PROOF – MILLIONS OF JOBS



TAKE YOUR FIRST STEP TOWARDS AWS CAREER

ENQUIRE NOW

# THANK you



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