



# CERTIFIED AZURE

## 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 has garnered a reputation for the industry's most exceptional placement records. Their dedicated efforts have facilitated the successful transition of thousands of aspirants into flourishing 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 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
- EASY LEARNING APPROACH.
- CERTIFICATIONS
- JOB READY PROGRAM

- LIVE TRAINING
- 30 HOUR A WEEK
- COMPREHENSIVE SYLLABUS
- HANDS-ON PROJECTS
- EXPERT TRAINERS AND MENTORS

# Azure Programming in Fundamentals full course



## WHY AZURE?

In the IT industry, pursuing Azure courses has become increasingly essential due to the growing prominence of cloud computing. Microsoft Azure, a leading cloud platform, provides a comprehensive suite of services for computing, storage, networking, and more. As organizations increasingly transition their infrastructure to the cloud, professionals with expertise in Azure gain a competitive edge. Azure courses equip IT professionals with the knowledge and skills to effectively design, deploy, and manage cloud solutions, enabling businesses to enhance scalability, flexibility, and cost efficiency. Moreover, Azure certification demonstrates proficiency in cutting-edge technologies, making individuals valuable assets to employers seeking to modernize their IT infrastructure and stay ahead in the rapidly evolving digital landscape.

# Azure

# Programming in Microsoft Azure

## Fundamentals full course

### 1. Introduction

- *Microsoft Learn*
- *Accessing and Using the Azure Portal*
- *Azure CLI*
- *PowerShell*
- *Accessing and Using the Azure Cloud Shell*
- *Azure Mobile Apps*
- *ARM Templates*
- *Azure Advisor*
- *Creating a Free Azure Account*

### 2. Cloud Concepts

- *The Language of Cloud Computing*
- *Cloud Services Benefits and Considerations overview*
- *High Availability, Fault Tolerance, and Disaster Recovery*
- *Understand the principles of economies of scale*
- *Capital Expenditure and Operational Expenditure*
- *Consumption Based Model*
- *Cloud Service Models*
- *Azure Marketplace*
- *Cloud Architect Models*

### **3.Azure Architectur**

- ***Regions and Availability Zones***
- ***Creating Azure Resources***
- ***Resource Groups - What they are and How we can use them***
- ***Azure Resource Manager - ARM - Single centralized service***

### **4.Azure Basics for Programming**

- ***Setting up an Azure account for programming.***
- ***Introduction to Azure Resource Manager (ARM).***
- ***Overview of Azure Virtual Machines (VMs) and their deployment.***
- ***Azure Blob Storage for data storage and retrieval.***
- ***Working with Azure App Services for application hosting.***

### **5.Programming with Azure Functions**

- ***Introduction to serverless computing concepts.***
- ***Creating and deploying Azure Functions.***
- ***Implementing event-driven solutions with Azure Functions.***
- ***Integrating Azure Functions with other Azure services.***
- ***Best practices for programming with Azure Functions.***

## 6.Computing

- *Cloud Concepts - Principles of cloud computing*
- *What is cloud computing?*
- *What is cloud computing?*
- *Benefits of cloud computing*
- *Compliance terms and requirements*
- *Capital expenditure (CapEx) versus operational expenditure (OpEx)*
- *Cloud deployment models*
- *Types of cloud services - IaaS versus SaaS versus PaaS*  
*Create an AWS Managed Microsoft AD (Active Directory)*
- *Create FSx File System (for Windows File Server)*  
*Advanced networking features in Kubernetes on AWS*

## 7.Networking

- *Virtual Network*
- *Creating Azure Virtual Networks*
- *Load Balancer*
- *VPN Gateway*
- *Application Gateway*
- *Content Delivery Network*
- *ExpressRoute*

## **8.Data Storage and Databases in Azure**

- *Overview of Azure SQL Database for relational data storage.*
- *Working with NoSQL databases in Azure, such as Azure Cosmos DB.*
- *Azure Blob Storage for unstructured data.*
- *Implementing data caching with Azure Redis Cache.*
- *Best practices for data storage and retrieval in Azure.*
- *Creating a Storage Account*
- *Storage Redundancy*
- *Moving Data*
- *Additional Migration Options*
- *Premium Performance Options*

## **9.Azure Identity and Access Management**

- *Introduction to Azure Active Directory (AAD).*
- *Implementing authentication and authorization in Azure.*
- *Managing user identities and roles in Azure.*
- *Integrating Azure AD with applications for secure access.*
- *Best practices for identity and access management in Azure.*

## **10.Azure Networking for Programmers**

- ***Understanding Azure Virtual Network and its components.***
- ***Configuring network security groups and firewalls in Azure.***
- ***Azure Load Balancer for distributing incoming network traffic.***
- ***Connecting on-premises networks to Azure with VPN or ExpressRoute.***
- ***Best practices for networking in Azure for programmers.***

## **11.Developing Microservices with Azure**

- ***Overview of microservices architecture.***
- ***Implementing microservices using Azure Service Fabric.***
- ***Azure Kubernetes Service (AKS) for containerized applications.***
- ***Azure Logic Apps for building serverless workflows.***
- ***Best practices for developing microservices in Azure.***

## **12.Monitoring and Logging in Azure**

- ***Implementing monitoring solutions with Azure Monitor.***
- ***Leveraging Azure Application Insights for application performance monitoring.***
- ***Working with Azure Log Analytics for centralized log management.***
- ***Creating alerts and notifications in Azure.***
- ***Best practices for monitoring and logging in Azure.***

## **13.DevOps and CI/CD in Azure**

- *Introduction to Azure DevOps for end-to-end DevOps lifecycle.*
- *Implementing Continuous Integration (CI) and Continuous Deployment (CD) pipelines.*
- *Azure DevOps Services for version control and collaboration.*
- *Infrastructure as Code (IaC) using Azure Resource Manager (ARM) templates.*
- *Best practices for DevOps and CI/CD in Azure.*

## **14.Azure Security Best Practices**

- *Azure Security Center for threat detection and response.*
- *Configuring network security and encryption in Azure.*
- *Implementing security policies and compliance in Azure.*
- *Azure Key Vault for secure key and secret management.*
- *Best practices for ensuring security in Azure programming..*

# 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

35 hours Live  
Mentoring in industry  
projects

## DOUBTS SESSIONS

Twice a week, Live  
doubts session from  
mentors and experts

## JOB COUNSELLING

Mapping your  
profile to suitable  
job role

## INTERVIEW QUESTIONS

Frequently asked  
interview questions  
course included

## ALUMNI CONNECT

Connect with  
successful Alumni to  
learn from experience

## RESUME SUPPORT

Personalized resume  
creation support from  
professionals

# PLACEMENT ASSISTANCE



Mercedes-Benz



# 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**



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



TAKE YOUR FIRST STEP TOWARDS AZURE CAREER

**ENQUIRE NOW**

# THANK you



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