



# 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
- Azure 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
- COMPREHENSIV SYLLABUS
- HANDS-ON PROJECTS
- EXPERT TRAINERS AND MENTORS



# Azure Programming in artificial intelligence

## Engineer



## 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 artificial-intelligence Engineer Microsoft Azure

## 1. Artificial-intelligence Overview

- *Understand machine learning*
- *Understand computer vision*
- *Understand natural language processing*
- *Understand document intelligence and knowledge mining*
- *Understand generative AI*
- *Challenges and risks with AI*
- *Understand Responsible AI*
- *Introduction to Cognitive Services*
- *Ethical Considerations in AI*
- *Introduction to Azure Notebooks and Jupyter Notebooks in Azure*

## 2. Implement Hybrid identity

- *Vision APIs (Computer Vision, Face API, Custom Vision)*
- *Speech APIs (Speech to Text, Text to Speech, Speech Translation)*
- *Language APIs (Text Analytics, Translator, QnA Maker)*
- *Decision APIs (Personalizer, Anomaly Detector)*
- *Integration of Cognitive Services in Applications*

### **3.Azure Machine Learning Fundamentals**

- **Azure Machine Learning Workspace**
- **Creating and Managing Datasets**
- **Feature Engineering in Azure ML**
- **Model Training and Hyperparameter**
- **Tuning Model Evaluation and Deployment**

### **4.Deep Learning with Azure**

- **Introduction to Deep Learning**
- **Using Azure Machine Learning for Deep Learning**
- **Neural Networks and TensorFlow in Azure**
- **Distributed Training with Azure ML**
- **Model Deployment for Deep Learning Models**

### **5.Design an enterprise governance strategy**

- **Text Analytics and Sentiment Analysis**
- **Named Entity Recognition (NER)**
- **Language Understanding (LUIS)**
- **Building a Chatbot with Azure Bot Service**
- **Language Translation with Azure Translator**

### **6.Azure AI Model Interpretability and Explainability**

- **Interpreting Machine Learning Models**
- **Azure Machine Learning Interpretability**
- **SDK Model Explainability Techniques**
- **Addressing Bias and Fairness in AI**
- **Responsible AI Practices**

## **7.Reinforcement Learning with Azure**

- ***Introduction to Reinforcement Learning***
- ***Azure Machine Learning for Reinforcement Learning***
- ***Building and Training Reinforcement Learning Models***
- ***Simulation Environments in Azure***
- ***Real-world Applications of Reinforcement Learning***

## **8.Azure AI Services Integration**

- ***Integrating Cognitive Services with Azure ML***
- ***Building End-to-End AI Pipelines***
- ***Orchestrating Workflows with Azure Logic***
- ***Apps Azure Functions and AI Integration***
- ***Monitoring and Logging AI Services in Azure***

## **9.AI Model Deployment and Management**

- ***Deployment Options for AI Models***
- ***Azure Kubernetes Service (AKS) for***
- ***AI Workloads Model Versioning and A/B Testing***
- ***Continuous Integration and Deployment for AI***
- ***Monitoring and Scaling AI Deployments***

## **10.Fundamentals of Azure AI services**

- *AI services on the Azure platform*
- *Create Azure AI service resources*
- *Use Azure AI services*
- *Understand authentication for Azure AI*
- *services Exercise - Explore Azure AI Services*

## **11.Case Studies and Real-world Applications**

- *AI in Healthcare, Finance, and Retail*
- *AI for Predictive Maintenance*
- *AI-powered Recommendation Systems*
- *AI in Fraud Detection*
- *Exam Preparation and Certification Pathways*

# 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

### ALUMINI 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. He 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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