

**START YOUR
AZ 204
CAREER TODAY!!**

CREDO SYSTEMZ

**Azure Developer
Associate Program**

Capstone Projects :

Real Time Business Scenario using
Azure Developer Associate



Develop a Serverless API with Azure Functions

Create a lightweight HTTP-triggered API using Azure Functions and deploy it to the cloud.



Build a Cloud-Native Web App with Azure App

Develop and deploy a scalable web application using Azure App Service and deployment slots.



Create a Blob Storage-Based File Upload System

Implement a file upload feature that stores and retrieves files using Azure Blob Storage.



Integrate Azure Key Vault for Secure Configuration

Secure your application by managing secrets and keys through Azure Key Vault.



Develop an Event-Driven Workflow using Event Grid

Trigger automated actions in response to events using Azure Event Grid and Functions.



Implement Background Processing with Azure Queue Storage

Queue and process background tasks asynchronously using Azure Queue Storage and Functions.



AZURE DEVELOPER ASSOCIATE COURSE SYLLABUS

Duration : 40 hrs

● **Section 1 : Introduction of Azure**

- Cloud Computing
- Azure Developer Exam Preparation Details
- Overview of Azure Services

● **Section 2 : Virtual Machines**

- Build your first VM
- Add Web Role to Windows Server
- ARM Templates

● **Section 3 : Azure App Service**

- Core Concepts
- Create & Deploy Web App
- Create & Deploy WebJobs
- Deploying and Monitoring of Azure App Service Web Apps

● **Section 4 : Azure Containers**

- Intro to Containers
- Install Docker for Windows
- Azure Container Instances

● **Section 5 : Function App**

- Overview of Function App
- Implement Function App
- Overview of Durable Functions
- Implement Durable Function

● **Section 6 : DAX – Azure Storage**

- Overview of Storage
- Working with Azure Blob Storage
- Working with Blob Container

● **Section 7 : CosmosDB**

- Overview of CosmosDB
- Create a CosmosDB Collection
- Working with resources and data

● **Section 8 : SQL Database**

- Overview of SQL
- Launch SQL Database
- Inserting Data into SQL Database

● **Section 9 : Blob Containers**

- Overview
- Working with Blob

● **Section 10 : Authentication**

- Create your first Azure AD
- Build & Publish
- Multi-Factor Authentication

● **Section 11 : Scaling Apps & Services**

- Manual vs Automatic Scaling
- Working with Virtual Machines

● **Section 12 : Security**

- Manage Keys
- Manage Secrets
- Manage Certificates
- Data Encryption
- Azure Key Vault

● **Section 13 : Operations**

- Overview of Azure Monitor
- How to Monitor resources in Azure Monitor

● **Section 14 : Azure Logic Apps**

- Overview of Logic Apps
- Developing Azure Logic Apps
- Azure Search and API Management

● **Section 15 : Caching and CDN**

- Overview of Redis Caching
- Integration of Redis Cache and CDN

● **Section 16 : Messaging Services**

- Azure Storage Queues
- Service Bus Queue
- Implementation of Queues

● **Section 17 : Blob Containers**

- Overview
- Working with Blob

SKILLS AND TOOLS

Tools Covered

Azure
Kubernetes
Service



Azure Container
Instances



Blob Storage



Azure SQL
Database



Entity
Framework Core



Azure Service
Bus



Azure Event
Hubs



Azure API
Management



PowerShell



Azure CLI



Skills Covered

Azure Functions



containerization



Blob storage



Azure SQL



Microsoft Entra
ID



Troubleshoot



Optimize Azure
solutions



Earn your AZ 204 Course Completion Certificate

Credo Systemz's certificate is highly recognized by
30K Global companies around the world.



WHAT OUR **TRAINEE** SAYS?



Jhanvi

4.7 ★★★★★

The trainer explained cloud concepts clearly with real-life examples, making it easy to understand for beginners. Practice sessions and doubt clearing were really helpful for building a strong foundation.



Nirosha

4.2 ★★★★★

The course was well-structured with hands-on labs for each topic, which improved my practical skills. The trainer's guidance on managing Azure resources and services was excellent.



Karthik M

5.0 ★★★★★

The sessions focused on design patterns, architecture scenarios, and case studies that matched the exam syllabus. The instructor made complex concepts simple with diagrams and live use cases.



Srinivasan

4.9 ★★★★★

The training covered pipelines, CI/CD, and DevOps practices in a very practical way. Tools like Azure DevOps and GitHub Actions were taught with real-time project examples.



Priya

4.0 ★★★★★

Security topics like IAM, Defender for Cloud, and Key Vault were explained with clarity. Lab exercises boosted my confidence to handle security tasks in a real environment.



Renuka Devi

4.5 ★★★★★


Networking concepts like VNets, VPNs, and routing were made easy with step-by-step labs. The trainer's deep knowledge and support throughout the course were very helpful.



CHENNAI


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OVERSEAS

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