DevOpsSchool

Course curriculum · November 2026

LEVEL 03 OF 04 · INTERMEDIATE

Microsoft Azure Intermediate Training

Run production workloads on AKS and PaaS with private networking, API Management, reusable IaC, policy guardrails and KQL-based monitoring.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **3 days · Days 1-3**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

Foundation	Essential	Intermediate	Advanced
1 day · Included	2 days · Included	3 days · This curriculum	5 days · Next step

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	35 topics · Foundation to Intermediate
Hands-on labs	3 labs
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/azure/microsoft-azure-intermediate-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the Microsoft Azure course path, you will be able to:

1

Deploy on Azure confidently

Create, deploy and manage Azure compute, storage, database and container services.

2

Automate Azure delivery

Use Bicep, Terraform, pipelines and policy to deliver secure, repeatable Azure environments.

3

Architect enterprise Azure

Design resilient, governed and cost-optimised Azure platforms and migrations.

WHAT THE INTERMEDIATE LEVEL ADDS

AKS, networking, automation, monitoring and security

Hands-on: Private AKS platform with guardrails. Provision a private AKS cluster and API Management with Bicep modules, deploy an app through an Azure DevOps pipeline, enforce Azure Policy and alert with KQL.

WHO SHOULD ATTEND

- Regular Microsoft Azure users who want to automate, integrate and manage it at a deeper level.
- Specialists who support Microsoft Azure for colleagues or customers.
- Leads preparing Microsoft Azure for wider use across projects.

BEFORE YOU START

- The Essential level, or equivalent hands-on experience.
- You can already: Build and deploy cloud applications on Azure with App Service, Functions, Container Apps, managed databases, messaging and secure configuration.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION TO INTERMEDIATE

Microsoft Azure Intermediate Training agenda

35 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: Subscriptions, tools, identity basics and first resources

Included from Foundation

1. Azure building blocks: tenants, subscriptions, management groups, resource groups and resources
2. Regions and availability: region choice, availability zones, paired regions and service availability
3. Working tools: Azure portal, Cloud Shell, Azure CLI and Azure PowerShell, logging in and selecting a subscription
4. Azure Resource Manager: resource providers, ARM requests, locks and deployment history
5. Identity basics: Microsoft Entra ID users and groups, MFA and the built-in Owner, Contributor and Reader roles
6. Service map: compute, networking, storage, databases, containers, AI and management services at a glance
7. First virtual machine: image, size, disk, NSG rules, SSH or RDP and Bastion access
8. First web app: App Service plan, web app creation and deploying code from Git or a ZIP file
9. Storage first steps: storage account, blob container, upload and access with Storage Explorer
10. Cost basics: Pricing Calculator, Cost Management, budgets and alerts and tagging for cost owners
11. Clean-up discipline: deleting resource groups, auto-shutdown and avoiding orphaned resources

DAY 2 — Essential: Building and deploying cloud applications

Included from Essential

12. Azure App Service in depth: deployment slots, app settings, scaling rules and custom domains with TLS
13. Azure Functions: triggers and bindings, hosting plans including Flex Consumption and local development with Core Tools
14. Containers on Azure: Azure Container Registry builds and Azure Container Apps revisions and scale rules
15. Data services: Azure SQL Database and Azure Database for PostgreSQL flexible server, firewall rules and backups
16. Azure Cosmos DB: APIs, partition keys, consistency levels and request units
17. Blob and queue storage for apps: SDK access, SAS tokens, lifecycle rules and static website hosting
18. Messaging and events: Service Bus queues and topics, Event Grid and Event Hubs use cases
19. Secrets and identity for apps: Key Vault references and managed identities instead of connection strings
20. App configuration: Azure App Configuration and feature flags
21. Application Insights: auto-instrumentation, live metrics, failures and dependency tracking
22. CI/CD to Azure: GitHub Actions or Azure Pipelines with OIDC federated credentials
23. Bicep basics: resources, parameters, outputs and az deployment group create

DAY 3 — Intermediate: AKS, networking, automation, monitoring and security

New at this level

24. Azure Kubernetes Service: node pools, workload identity, ingress options, autoscaling and upgrades
25. Networking for applications: VNet integration, private endpoints, private DNS zones and NAT Gateway
26. Traffic management: Application Gateway with WAF, Azure Front Door and Traffic Manager compared
27. API Management: products, policies, rate limits, versioning and backend authentication
28. Reusable infrastructure as code: Bicep modules, Azure Verified Modules, deployment stacks and what-if
29. Terraform on Azure: azurerm provider, remote state in Storage, and plan and apply in pipelines
30. Azure DevOps: multi-stage YAML pipelines, environments, approvals and service connections

31. Azure Policy for delivery teams: allowed SKUs, required tags, deny public endpoints and remediation tasks
32. Microsoft Defender for Cloud: recommendations, workload protection plans and DevOps security posture
33. Azure Monitor and Log Analytics: KQL queries, workbooks, alert rules and action groups
34. Autoscale and performance: VM Scale Sets, App Service autoscale, KEDA on AKS and load testing
35. Troubleshooting: Network Watcher, Resource Health, activity log and deployment error analysis

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

First Azure resources from the CLI

Create a resource group with a budget alert, deploy a Linux VM and an App Service web app from the Azure CLI, then tag, inspect and clean everything up.

ESSENTIAL

Deploy a cloud-native app pipeline

Deploy an API to Container Apps and a Function that processes Service Bus messages, backed by Cosmos DB, with Key Vault secrets and a GitHub Actions pipeline.

INTERMEDIATE

Private AKS platform with guardrails

Provision a private AKS cluster and API Management with Bicep modules, deploy an app through an Azure DevOps pipeline, enforce Azure Policy and alert with KQL.

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	All four Microsoft Azure levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	3 days for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative).	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR MICROSOFT AZURE TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All levels of this course: www.devopsschool.com/courses/azure/

ENROL OR RESERVE A SEAT
Microsoft Azure Intermediate Training

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Next step after this level: Microsoft Azure Advanced Training - Architect enterprise Azure estates with landing zones, multi-region resilience, Zero Trust security, FinOps and migration plans.