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Azure Ansible
Course content

Access to Interview Opportunities with Top Companies

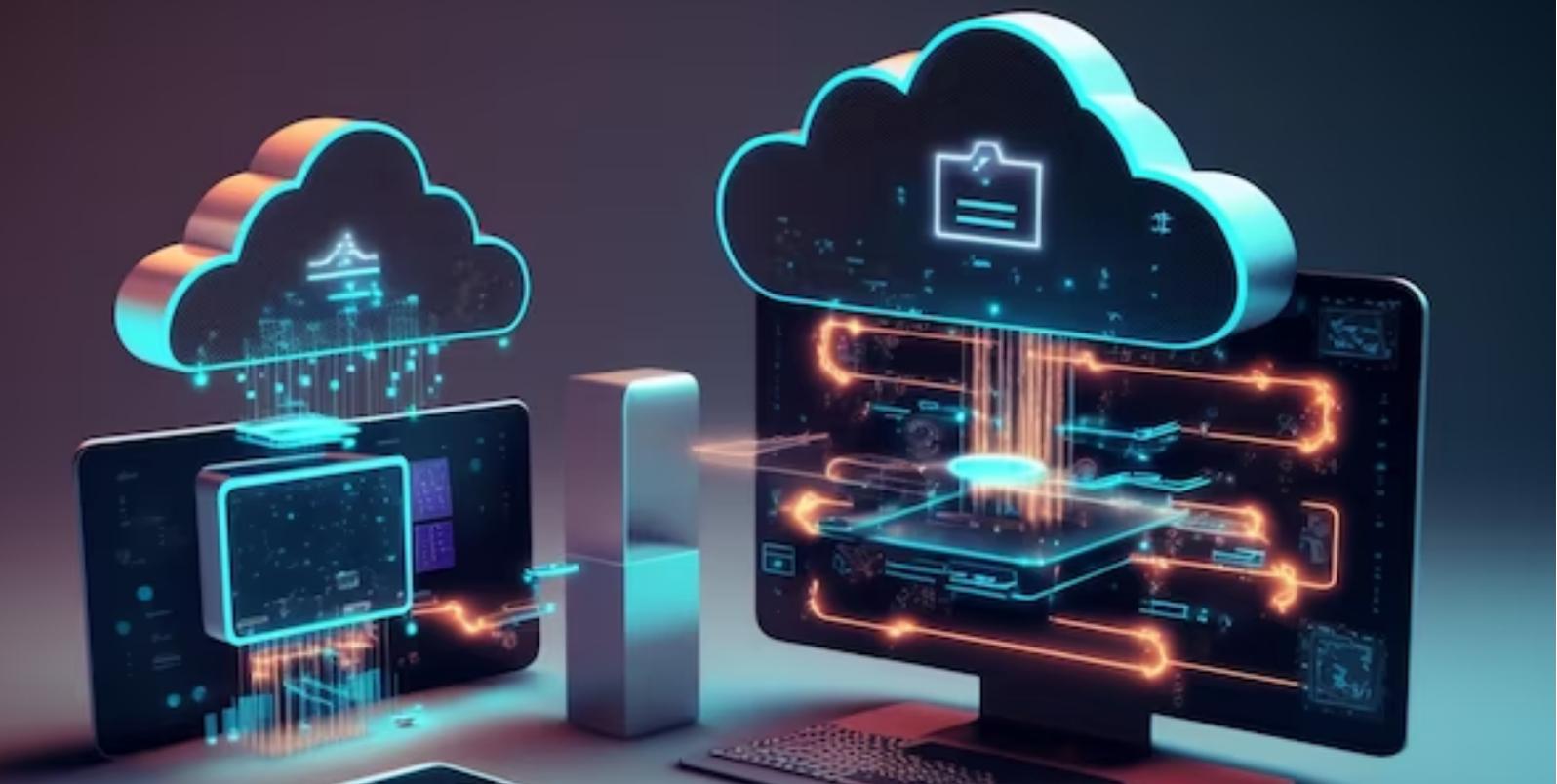**Industry-Relevant Curriculum Designed and Taught by Industry Experts**

Hands on Project and Industry Specific Tools

Dedicated CareerSupport and Interview Preparation

Post Graduate Certificatefrom Great Lakes Executive Learning

In the rapidly evolving landscape of the IT industry, choosing to undertake an Azure course holds numerous advantages for professionals and organizations alike. As one of the foremost cloud service providers globally, Azure has gained widespread recognition and is a preferred choice for businesses seeking robust cloud solutions. The integration of Azure with Microsoft technologies enhances its appeal, especially in environments heavily reliant on Windows Server, Active Directory, and .NET. A key strength of Azure lies in its diverse range of services, spanning computing, networking, databases, analytics, machine learning, and more. Professionals embarking on Azure training can build a versatile skill set applicable to a wide array of IT scenarios. Notably, Azure's strong focus on hybrid cloud solutions caters to organizations operating both on-premises and in the cloud, providing flexibility and scalability.In conclusion, opting for an Azure course presents an opportunity to acquire skills aligned with a leading cloud platform, empowering professionals to navigate the dynamic IT landscape with confidence and contributing to organizational success in an increasingly digital world.

The Program helps you do grow and bloom in Industry and developed by best-in-class industry experts.It offers a blend of online learning with live and recorded lectures along with access to dedicated career support and rewarding job opportunities.

LEARN ONLINE ANYTIME, ANYWHERE

Learn from live masterclasses by top industryleaders and online lab sessions every week, along with 100+ hours of learning content.

WEEKLY ONLINE MENTORSHIPFROM EXPERTS

Get assistance on projects and reinforce the concepts you learn through weekly mentorship sessions.

NETWORK WITH LIKE-MINDED PEERS

Interact with peers from diverse backgroundsand grow your professional network.

DEDICATED PROGRAM SUPPORT

Access dedicated support on your learning journey and resolve for all your queries withhelp from a dedicated Program Manager.

A fresh graduate or a working professional looking to up-skill andbuild a career.

Azure Ansible Course content

Module 1:Introduction to Azure and Ansible

1.1 Overview of Azure cloud services

1.2 Introduction to Ansible automation

Module 2:Setting Up Your Environment

2.1 Installing Ansible

2.2 Configuring Ansible for Azure

2.3 Authentication and security considerations

Module 3:Azure Resource Management with Ansible

3.1 Managing Azure VMs

3.2 Creating and configuring Azure resources (e.g., virtual networks, storage accounts)

3.3 Deploying and managing Azure web apps

3.4 Automating Azure Active Directory tasks

Module 4:Azure DevOps Integration

4.1 Continuous Integration and Continuous Deployment

(CI/CD) with Ansible and Azure DevOps

4.2 Creating and managing pipelines

4.3 Version control integration (e.g., Git)

Module 5:Infrastructure as Code (IaC)

5.1 Introduction to IaC concepts

5.2 Writing Ansible playbooks for Azure infrastructure

5.3 Best practices for managing infrastructure code

Module 6:Advanced Ansible and Azure Topics

6.1 Dynamic inventory management

6.2 Role-based access control in Azure

6.3 Working with Azure templates (ARM templates)

6.4 Advanced automation scenarios (e.g., scaling, disaster recovery)

Module 7:Monitoring and Debugging

7.1 Logging and debugging Ansible scripts

7.2 Monitoring Azure resources using Ansible

7.3 Troubleshooting common issues

Module 8:Security and Compliance

8.1 Security best practices for Ansible and Azure

8.2 Compliance checks and reporting

8.3 Integrating security measures into automation

Module 9:Case Studies and Hands-on Labs

9.1 Real-world use cases and scenarios

9.2 Hands-on labs to apply the knowledge
gained

Module 10:Final Projects and Capstone

10.1 Building a comprehensive Ansible
playbook for Azure

10.2 Presenting and sharing final projects

READY TO ADVANCE YOUR CAREER?

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