



Designing and Implementing Microsoft Devops Solutions



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.

grow your professional network.

DEDICATED PROGRAM SUPPORT

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

LEARN ONLINE ANYTIME, ANYWHERE

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

WEEKLY ONLINE MENTORSHIP FROM 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 backgrounds and



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



LEARNING PLAN

Designing and Implementing Microsoft Devops solutions

1. Getting started with Azure Devops

1.1 Introduction to Azure DevOps

1.2 Azure DevOps services and components

1.3 Azure DevOps organizations and projects

1.4 Exercise: Setting up an Azure DevOps

organization

and project

2. Planning for Devops

2.1 Understanding DevOps culture

2.2 Planning for DevOps transformation

2.3 Assessing your DevOps maturity

2.4 Exercise: Assessing DevOps maturity

3. Getting started with Source Control

3.1 Introduction to source control

3.2 Azure Repos

3.3 Branching and merging strategies

3.3 Exercise: Working with Azure Repos

4. Scaling Git for Enterprise DevOps

4.1 Git workflows

4.2 Implementing and managing pull

requests Managing Git repositories

4.3 Exercise: Scaling Git for Enterprise

DevOps

5. Implementing and managing build infrastructure

5.1 Azure Pipelines

5.2 Implementing and managing YAML
pipelines

5.3 Implementing and managing GitHub
Actions

6. Implementing Continuous Integration and Continuous Deployment (CI/CD)

6.1 Introduction to CI/CD

6.2 Implementing CI/CD pipelines

6.3 Managing application configuration and secrets

6.4 Exercise: Implementing CI/CD

7. Implementing Application Infrastructure

7.1 Infrastructure as Code (IaC) principles

7.2 Implementing ARM templates

7.3 Infrastructure provisioning with Terraform

7.4 Exercise: Implementing application infrastructure

8. Managing Application Configuration and Secrets

8.1 Configuration management

8.2 Azure Key Vault

8.3 Exercise: Managing application configuration and secrets

9. Implementing Continuous Feedback

9.1 Introduction to continuous feedback

9.2 Implementing Azure Monitor

9.3 Implementing Azure Application Insights

9.4 Implementing Azure Log Analytics

9.5 Implementing Azure DevTest Labs

9.6 Exercise: Implementing continuous
feedback

10. Securing your Devops environment

10.1 Security and compliance in DevOps

10.2 Implementing Azure Policy for
management groups, subscriptions, and
resource groups

10.3 Implementing security and compliance
in the pipeline

10.4 Exercise: Securing your DevOps
environment

11. Reference Architectures and Best Practices

11.1 Building a real-world DevOps pipeline

11.2 Review of key DevOps practices

11.3 Implementing real-world CI/CD
pipelines

11.4 Exercise: Building a real-world DevOps
pipeline

12. Preparing for Exam AZ-400

12.1 Overview of the AZ-400 exam

12.2 Study resources and tips

12.3 Practice exam questions

12.4 Course summary and review



READY TO ADVANCE YOUR CAREER?

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whatsapp group link -

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