

AZURE DEVOPS SOLUTION EXPERT

Master Class

Course Outline





Course Overview:

The world of DevOps has grown leaps and bounds with new tools and platforms emerging every single day. With all these tools comes the responsibility to effectively manage the DevOps processes and integrations. In this Azure DevOps Solution Expert Master's Program, you will learn to Understand the role of transformation planning, project selection, and team structure in DevOps, Demonstrate Git Version Controlling, Understand Build Strategy and its Implementation, Integrate Azure Pipelines, Monitor AKS Cluster from Azure Monitor, deploy a multi-container application to AKS, Configure Azure IaaS and PaaS, Set up Azure Service Fabric and much more.

Azure DevOps Solution Expert Master's Program blends online self-paced videos that teach you the concepts, frameworks, and tools; live virtual classes that provide context and industry examples; and hands-on course-end and capstone projects that help you apply your skills in context and crystallize your learnings.

Key Features:

- 8X higher live interaction with live online classes by industry experts
- Practice labs and projects with Azure labs
- Experiential learning via real-life innovation projects and capstones
- Get noticed by the top hiring companies

Learning Outcomes

At the end of this Azure DevOps Solution Expert program, you will:

- Develop an instrumentation strategy
- Develop a Site Reliability Engineering (SRE) strategy
- Develop a security and compliance plan
- Manage source control
- Facilitate communication and collaboration
- Define and implement continuous integration
- Define and implement a continuous delivery and release management strategy



Program Eligibility Criteria and Prerequisites:

There are no eligibility criteria for this Azure DevOps Solution Expert course. We recommend you come with an open mind and willingness to learn. The course is designed in such a way that even the absolute beginners will be comfortable with the course progress. However having fundamental knowledge of below mentioned topics might be beneficial for the learners:

- Foundational knowledge on Cloud architecture
- Fundamentals of Cloud Computing
- Basic understanding of virtualization, networking & databases
- Proficiency in using Visual Studio IDE, PowerShell and Command-Line Interface

Who should enroll in this program?

The Azure DevOps Solutions Expert masters program is designed for professionals who want to pursue a career in Cloud Computing and DevOps. The program is best suited for but not limited to individuals:

- Professionals aspiring to clear the Microsoft Certified: DevOps Engineer Expert Exam
- IT Professionals who want to understand Microsoft DevOps
- Cloud Professionals
- Software Developers
- Solution Architects
- System Administrators
- Project Managers
- Site Reliability Engineers
- Technical Leads





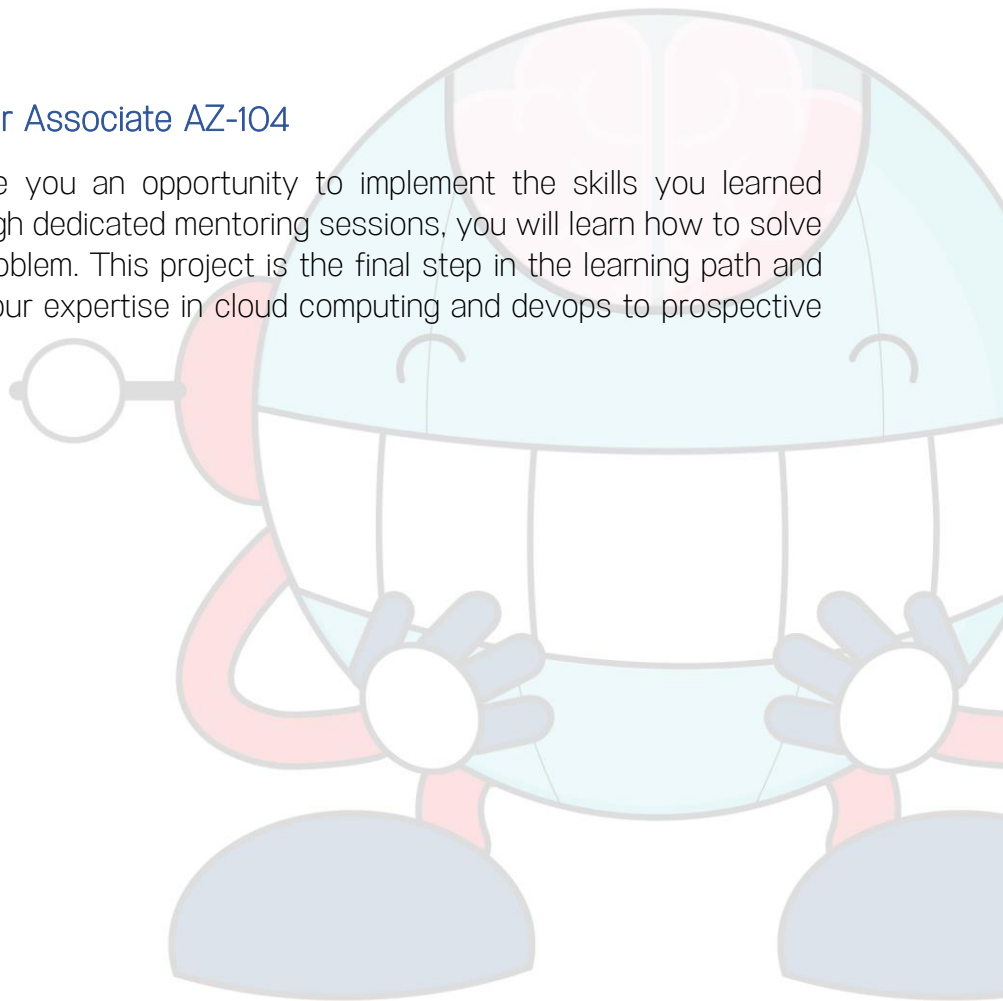
Learning Path:

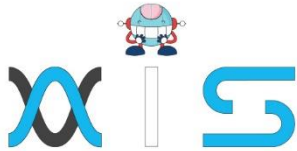
1. Microsoft Azure Fundamentals
2. Microsoft Azure Developer Associate AZ-204
3. Designing and Implementing Microsoft DevOps Solutions AZ-400
4. Capstone Project
5. Master's Certificate (☆)

Electives:

Microsoft Azure Administrator Associate AZ-104

This capstone project will give you an opportunity to implement the skills you learned throughout this program. Through dedicated mentoring sessions, you will learn how to solve a real-world, industryaligned problem. This project is the final step in the learning path and will enable you to showcase your expertise in cloud computing and devops to prospective employers.





AIS

With the rising demand in scalable technology, AIS provides tailored goal-setting based on your organization's needs and expectations. With products geared towards the growing needs of your organization's customers and employees, AIS has innovative and value-driven solutions.

Learning Partners



SAS Management, Inc.

SAS Management, Inc. has been a leader in the training, certification and consulting services industry in the Philippines. With offices in Makati, Ortigas and Cebu, Philippines, the company has been the top training and consulting company for over 9 years. In its years of existence, it has provided certificates to over 100,000 professionals including 10,000 participants in the 160+ courses that have been conducted just during the 2020-2021 pandemic alone. The most sought-after courses being offered are ITIL, Project Management Professional (PMP)®, COBIT 5, Six Sigma Yellow Belt, Six Sigma Green Belt, PRINCE2, and organizational skills, among others.



Simplilearn

Simplilearn, based in California and India, is the world's #1 online bootcamp and one of the world's the leading certification and training providers. Simplilearn trained over 2,000,000 professionals with 2,000+ trainers and provides over 400 different courses.

Technology Partner



Freshworks

With over 40,000 customers, Freshworks is a business solutions software provider with products ranging from IT helpdesk and service desk, customer relationship management, live chat, marketing automation, phone system, and HR.

Partners & Affiliates



PECB

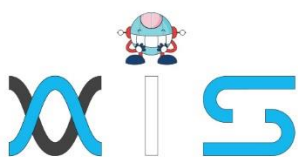
SDI Service Desk Institute

EC-COUNCIL

MIT Massachusetts Institute of Technology



P PURDUE UNIVERSITY



The program presented, as well as a wide range of programs are products of the partnership of AIS, SAS Management, Inc., and Simplilearn. With a common goal of providing the best practice of facilitating learning with an array of choices available in the online platform in this time of digitization.

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