

# Corporate Readiness Certificate.



## SYLLABUS

### Developing Modern Azure Based Applications

[ Number of hours: 12 h ]

#### DESCRIPTION OF THE COURSE

Developers of web applications increasingly appreciate the opportunities that brings the creation of applications based on cloud architecture. During the course, you will learn how to create an application that uses many elements that the Microsoft Azure platform provides to us. We will explain how this modern approach differs from traditional ones and whether it is always the best solution for our project. We will also find out how quickly and easily we can add more services to our application and how to monitor our resources.

#### REQUIREMENTS

- Command of English B1/B2
- Basic knowledge of Visual Studio or Visual Studio Code

## **PASSING CRITERIA**

- Basic knowledge of .NET platform
- Basic knowledge of application architecture

## **ADDITIONAL INFORMATION ON COURSE**

The course will be delivered remotely via the Microsoft Teams platform.

## **CONTENT & LITERATURE**

No Applicable

## **TECHNICAL REQUIREMENTS FOR UNIVERSITY**

No Applicable

## **COURSE OVERVIEW**

1. Intro to Microsoft Azure, setting up environment.
2. Creating first Azure service and adding automation to it.
3. Authentication and Authorization with Azure Active Directory.
4. Where to keep our secrets and how to store files
5. Data and where to keep it.
6. Azure Functions, what are they and how to use it.
7. Monitoring our application with Application Insights.