

# Activate Azure with Modern Apps



Support continuous innovation, broaden your horizons and unlock your hidden potential with Microsoft Azure Develop and target Web

Audience: Developers / Architects

## Required prerequisites:

Developers with experience in programming with .NET Framework and basic understanding of web development and technologies

## Benefits

- Accelerate integration of common Microsoft Azure application blocks
- Drive readiness for your developers through education services

## Overview

Microsoft Azure is at the forefront of cloud innovation, providing an broad set of services that enable you to innovate, create, test and run applications on an open and flexible cloud platform.

**Activate Azure with Modern Apps** is a four day instructor-led workshop organized into two parts: two educate days and two hands-on Proof of Concept development days.

Workshops helps the participants establish and learn fundamentals of **Azure platform**, introduces you to the most useful Azure Application Blocks when developing and operating Web or API solutions, helping with cloud design principals.

Through a series of instructor-led lectures, demos, and hands-on PoC Development, the participants will be able to gain a practical usage of Azure PaaS services and how services can be integrated together to enhance your web solutions. PoC will enforce practical experience with guided scenario with a complete end-to-end solution.



1) EDUCATION



2) HANDS-ON POC



= 3) **ACTIVATION**

This workshop aims at introducing the customer to leverage Azure Services in order to improve and innovate modern development with the power of Microsoft Cloud Platform.

## Syllabus

Workshop will cover following topics:

- **Azure Overview** (In this section participants will learn about the different offerings and capabilities for PaaS, IaaS, and SaaS. After this module, students will have a fundamental understanding of the key concepts that are needed for the rest of the course. They will also explore the Azure Portal and Azure billing in this module so that they can maximize their investments in Azure)
- **Azure Web Apps**
- **Azure CosmosDB** (DocumentDB API)
- **Authorization/Authentication in Azure Web Apps and Azure AD**
- **Azure Storage**
- **Azure Functions**
- **Azure SQL Database**
- **Azure Application Insights**
- **Azure Redis Cache**
- **Azure Search**

## PoC

During this exercise you will create a end-to-end application following the Proof of Concept implementation guide including: hosting web app in Azure Web apps, collection and analyzing you telemetry, implementing storage using DocumentDB, retrieve data from different data sources using Azure Search, applying authentication and authorization using Azure AD.

A Microsoft engineer will be by your side, to walk you through a tutored exercise.

