

Education Devcamps – Fast facts 4

Microsoft Azure and core technologies

17 September 2018

Topic: Microsoft Azure

The Microsoft Cloud

Microsoft Azure Services – General overview

The Microsoft Azure Core services for application development

SDS – School data sync

Modern Cloud Apps

Microsoft Graph and consent

- Office 365 API vs. Microsoft Graph

- Microsoft Graph – Commercial vs. EDU tenant

ARM – Microsoft Azure Resource Manager

Persistence and polyglot persistence

Containers

Why should you care?

What is the Microsoft Cloud?

Why should you care about Azure?

Why might this approach be more effective?

How to focus more on your core offering

How Azure can help you to change how you work/deploy/sell?

Content of the chapter

A world wide offering of services for application development and hosting – Microsoft Azure
Microsoft Azure's position in the Microsoft Cloud
The core Services and components of Microsoft Azure
Modern Cloud apps
Developing solutions in the Microsoft Cloud and Azure
Hosting solutions in the Microsoft Cloud and Azure

Content of the chapter - 2

APIs and technologies for developing solutions and connecting custom systems to Azure and Office 365

- Office 365 APIs vs. Microsoft Graph – an overview and discussion

How to automate deployment of your solutions and environments with Microsoft ARM and ARM scripts

Persisting data in the Microsoft Cloud – persistence and polyglot persistence

- School Data Sync – SDS – an overview

- How to connect a custom authentication system to an Office 365 tenant with SDS

Containers and container based development - overview

Take away

What the Microsoft cloud offers to partners

Why developing on Microsoft Azure is the most efficient way to create and host solutions

How to choose the right APIs and technologies when developing solutions

How to deploy solutions automatically and connect the backend to a custom authentication system of the customer/educational organization

HOL

Deploy your custom tenant for development

Populate it with sample data by using the SDS

Explore SDS data using the SDS portal and Graph Explorer



Thank you.