Microsoft Azure

From Zero to Hero
The Complete Guide

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Why Cloud?

90% of software companies use the cloud

The world is going to the cloud
Don't get left behind!

for cloud services

Why Microsoft Azure?

The 2nd largest public cloud

MONSTER   azure Jobs (15565 Jobs Found)

The most popular in enterprises

Note

You don't have to know ANYTHING about cloud

You don't have to know ANYTHING about Azure

We're going to learn everything from the start

We're going to have a lot of Azure hands-on

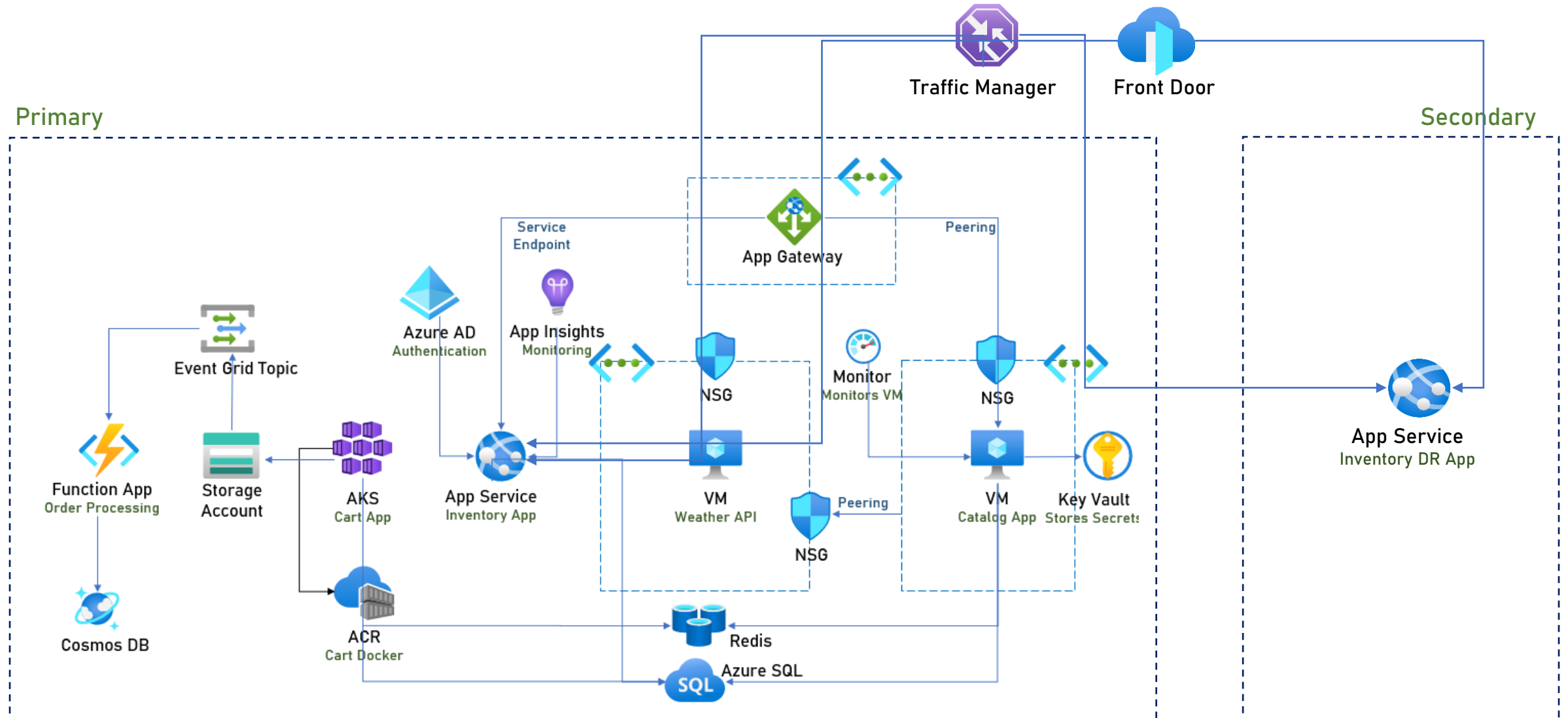# We'll go from here...

ReadIt!
Cloud Architecture

VM
Weather API

VM
Catalog App

To here…

Cloud Architecture

Traffic Manager

Front Door

Primary

Secondary

Service Endpoint

App Gateway

Peering

Azure AD
Authentication

App Insights
Monitoring

NSG

Monitor
Monitors VM

NSG

Event Grid Topic

Function App
Order Processing

Storage Account

AKS
Cart App

App Service
Inventory App

VM
Weather API

Peering

VM
Catalog App

Key Vault
Stores Secrets

App Service
Inventory DR App

Cosmos DB

ACR
Cart Docker

NSG

Redis

Azure SQL

By the End of This Course…

- You'll know what is the cloud

- You'll know what is Azure

- You'll know what you can do with it

- You'll learn how to use its services

- You'll learn how to design modern, secure, reliable apps

- **You'll become a Cloud Architect!**

This Course Is Different

- Very practical

- Extremely hands-on

- Emphasis on what you'll actually use

But That's Not All...

At the end of this course –

Download the Azure Architecture Summary!

The ultimate, practical, guide to help you design great

cloud architecture!
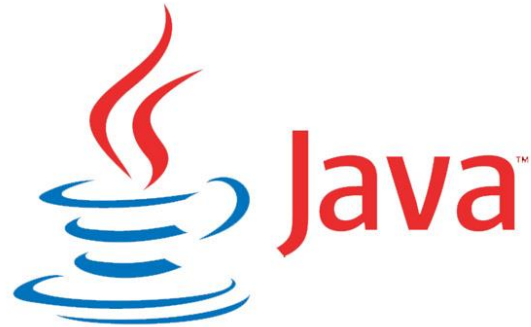
Who Am I?

Senior Software & Cloud Architect
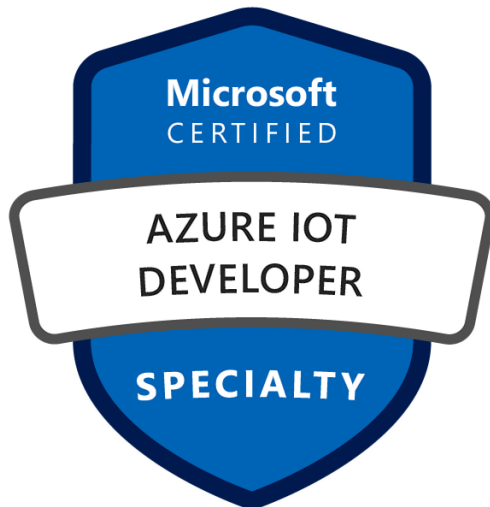
Memi Lavi
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My Clients

My Technology Stack

Azure Certified

Speaker

NORDIC APIS

Memi Lavi
Polar Technologies

DEVOXX
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DevDays
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Memi Lavi
Independent Consultant, Israel

Who Is This Course For?

- Architects and Architects to be

- Developers who want to learn about the cloud

- Anyone who is interested in the most important
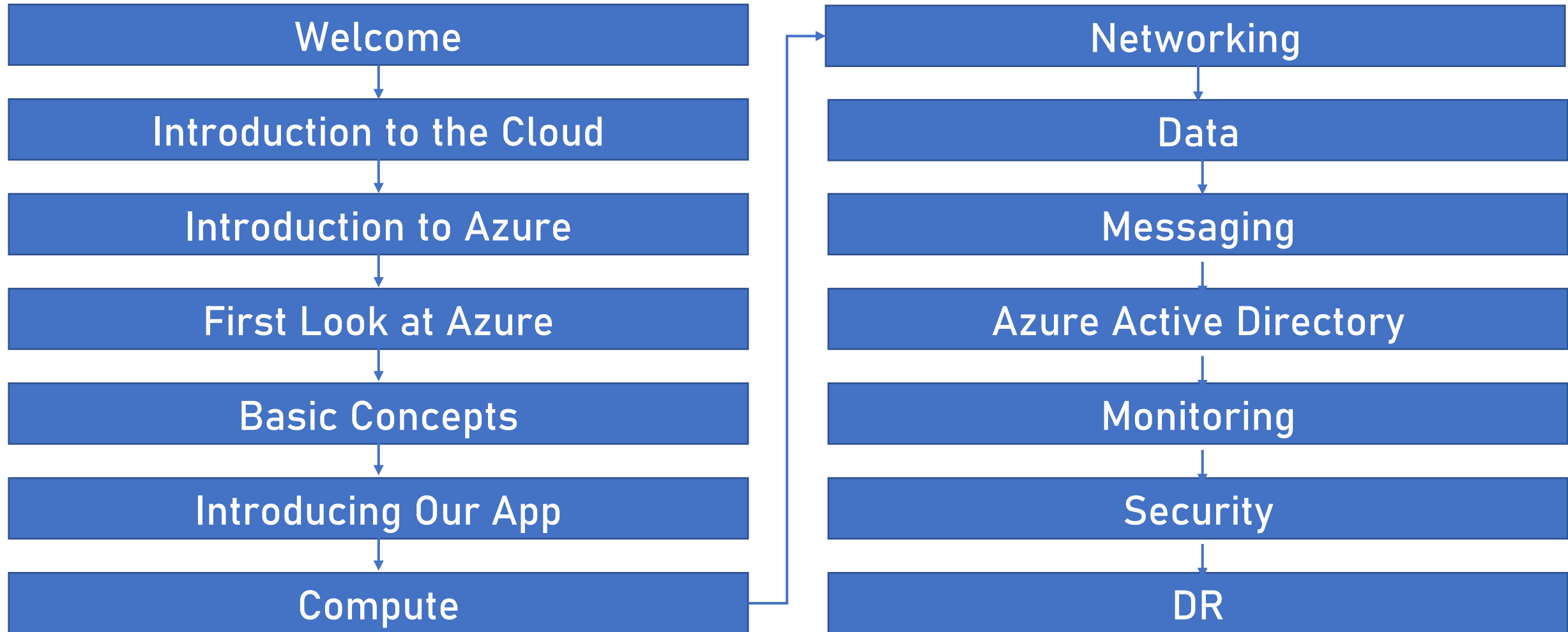
  computing platform in the world

How This Course Is Organized

Overview of the cloud and Azure

Overview of main services (demos + hands on)

Architecting modern apps on Azure

Agenda

Welcome	Networking
Introduction to the Cloud	Data
Introduction to Azure	Messaging
First Look at Azure	Azure Active Directory
Basic Concepts	Monitoring
Introducing Our App	Security
Compute	DR

Agenda

Cost Management

↓

Azure Policy

↓

Architecting Apps for Azure

↓

Migrating to the Cloud

↓

Advanced Services

↓

Conclusion