**Agenda**

**.NET and Container Technologies**

* Evolution of Compute Platform
* Docker
* .NET in docker containers
* Azure Container Registry and Azure Container Instances

**Modern Compute with PaaS and Serverless**

* App Service container for APIs, Jobs and more
* Azure Functions
* Azure Durable Entities, Functions and Actor Model

**Distributed Systems**

* Messaging with ServiceBus,
* Overview: EventHub, EventGrid, IoTHub, MQTT Broker

**Architecting Solutions with Azure Open AI**

* Intro in LLM
* Design and Implementation of LLM Applications