Micro Services Design Patterns

Prerequisites

This seminar was developed for software developers with some experience in micro services development. This seminar is not limited to micro services developed in a specific programming language.

Duration

This seminar includes four academic hours.

Premium Training

This seminar can be delivered either in Hebrew or in English. It can be delivered either online, or in a Hybrid way that allows the participants to choose whether to attend the meeting room where the training takes place or to join online.

The Lecturer

This seminar is delivered by Haim Michael, an experienced well-known software development trainer with more than 25 years of experience in software development training, consulting, and developing.

The Topics

This seminar covers the following topics:

Introduction
The Microservices Architecture
Loosely Coupling Services
RIStful Web Services
The postman Platform
The curl Utility
The grpc Framework
What is Design Pattern
Software Design Patterns
Design Patterns History
The Pattern Elements
Continuous Evolvement
Data Management Patterns

Database per Service

Shared Database

Communication Patterns

Message Queue

Security Patterns

Access Token

Observability Patterns

Health Check

Log Aggregation

Application Metrics

* more patterns can be added upon request