5 day architecture, design and development

Modern application development with Microservices, Domain Driven Design, NoSQL, and Docker

Audience: Developers and architects

Duration: 5 days, private on-site

Format: Lectures, discussions and labs

In this class you will learn a modern approach for building scalable, highly available and easily maintainable applications. We will describe the microservices architecture and show how it enables the agile development and deployment of applications. You will learn about Domain Driven Design, NoSQL databases and Docker. The course is very hands on and is a combination of short lectures and hands on development. By the end of the class you will have built a microservices-based application and deployed it using Docker/Kubernetes.

Topics covered include:

- Overview of microservices
- Building microservices with Domain-driven Design (DDD)
- Persisting data using NoSQL databases
- Building RESTful microservices with Spring Boot
- Deploying microservices using Docker