Developing Cloud Native Applications with Microservices Architectures

Kód kurzu: DO092

Identify the proper frameworks and tools to build your microservices architecture. Developing Cloud-Native Applications with Microservices Architectures (DO092) is a series of on-demand, online videos that will teach you how to combine different frameworks and tools into a microservices architecture that fits your organizational needs. You've no doubt heard about the microservices architecture, but understanding and executing it can be a bit of a challenge. Through a series of videos, this course will introduce microservices, review multiple microservices frameworks and runtimes, and show you techniques to deploy them through a hassle-free DevOps pipeline. We'll discuss containers, Docker, Spring Boot, NodeJS, .NET, OpenShift, Jenkins, Vert.x, Kubernetes, and much more.

Pro koho je kurz určen

Java™ developers and anyone interested in OpenShift and Kubernetes

Co Vás naučíme

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Požadované vstupní znalosti

Understanding of software and IT system architecture

Osnova kurzu

Video 1: Deploying Cloud-Native Applications with Microservices Architectures Introduction

Video 2: Microservices Overview: What and Why?

Video 3: API: Building and Deploying a Microservice (and demonstration)

Video 4: Discovery and Invocation (and demonstration)

Video 5: Microservices Patterns (and demonstration)

Video 6: Circuit Breakers (and demonstration)

Video 7: Pipelines (and demonstration)

Video 8: Authentication (and demonstration)

Video 9: Logging, Monitoring, and Tracing (and demonstration)

Video 10: Blue/Green Deployment (and demonstration)

Video 11: Canary Deployment (and demonstration)

Video 12: Moving from Monolith to Microservices

Další informace

Jedná se o samostudijní kurz s 30ti denní licencí zdarma.

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