

Cloud Native

Training Duration: 1 days

- 1. Cloud Native Fundamentals
 - Evaluate the cloud native ecosystem
 - Explore CNCF (Cloud Native Computing Foundation) and cloud native tooling
- 2. Architecture Consideration for Cloud Native Applications
 - Choose monolith or microservice based-architecture for an application
 - Consider and evaluate the involved trade-offs for monoliths and microservices
 - Apply good development practices to an application
- 3. Container Orchestration with Kubernetes
 - Use Docker to package an application and distribute it via DockerHub
 - Bootstrap a Kubernetes cluster using EKS
 - Create a simple application in spring boot
 - Dockerize it
 - Deploy it into Kubernetes resources for an application deployment