

DevOps AW Academy - Curriculum

1. DevOps Mindset

Kulturworkshop, DevOps Approach, Software Engineering, Docker, Operations, Agile Methoden, Prestudies Wiederholung

2. Programming & DevOps Basics

Java, Unit Test, Hibernate, Eclipse, SonarQube, SQL, GIT, GitFlow, GitLab, Maven, Static Code Verification, Nexus/Artifactory, Database, Selenium, Testautomation, Wiederholung & Assessment #1

3. Engineering Process & SoftSkills

Scrum Training, SoftSkills Training, Issue Management, Data Privacy, Security, Jira, Wiederholung

4. Infrastructure as a Code and as a Service

Jenkins Basics, SonarQube, Nexus/Artifactory, Hypervisor, Docker, Container Platforms, Cloud IaaS and PaaS, MySQL, Webserver, Wiederholung & Assessment #2

5. Deployment and Delivery

CI Pipelines Basics, Spring Boot, Nexus/Artifactory, CD Pipelines Basics, Ansible, Application Server (Tomcat), Wiederholung

6. Continuous Integration

Buildmanagement, CI Pipelines Advanced, Jenkins Advanced I, SonarQube, Groovy, Wiederholung

7. Continuous Deployment

Runtime Environments, CD Pipelines Advanced, Jenkins Advanced II, Monitoring/Logging

Woche 11 & 12: Abschlussprojekt

Agile, selbstorganisierte 3 - 4er Teams