

Certificate

Alexander Rudorf

has taken part in the following GFU-training course from 2018-06-04 to 2018-06-06:

"Java Web Services with JAX-WS"

Trainer: Oliver Schell

Topics:

- **Java Web Service the basics**
 - Governance, SOA and Web Services
 - Web Service Description Language (WSDL)
 - Simple Object Access Protocol (SOAP)
 - Universal Description, Discovery and Integration (UDDI)
 - Transports HTTP, JMS ...
- **Java Web Service at a glance**
 - Java Web Service Frameworks compared Axis2, CXF, Metro
 - Java API for XML Web Services JAX-WS, JAXB, WSIT
 - JAX-WS RI Metro
 - Glassfish Web Service Container
 - SOA, ESB with OpenESB
- **Java Web Service development environment**
 - Installation Netbean, Metro, Glassfish
 - development environment Netbean and Eclipse
 - Debugging, Monitoring SOAPUI
 - Integration into the Build Management Maven
- **Implement Java Web Service**
 - Contract First vs. Code First
 - JAX-WS API
- **JAX-WS Annotations**
 - WebServiceContext, MessageContext, Session Management
 - Synchronous and asynchronous calls
 - Web service deployment
- **Java Web Service Databinding**
 - XML Schema generation
 - JAXB, JAXB annotation
 - JAXB and Web Services
- **Java Web Service interoperability**
 - WS-I Basic Profile, WSIT
 - Create WS-I compliant web services
 - Check WS-I conformity
- **Java Web Service Security**
 - Security basics
 - Configuration of Web Service Security in Netbean
 - SSL Security, Message Based Security
- **Java Web Service Enterprise**
 - Web Service for J2EE (WSEE)
 - Web Service Transaction
 - WS4EE deployment
 - Application J2EE Web Services