

Certificate

Alexander Rudolf

has taken part in the following GFU-training course from 2018-04-09 to 2018-04-11:

"Spring Boot"

Trainer: Michael Schäfer

Topics:

- **Spring Boot**
 - Motivation, Features, Versions, Spring Boot Vs. Java EE
- **Spring Boot Basics**
 - Dependencies (Starter), Autoconfiguration, Running Everywhere
- **Spring Boot Testing**
 - Runner, Integration Test, Slices, Mocks
- **Spring Boot Configuration**
 - Annotations, Configuration Properties, Externalization, Profiles, Custom Autoconfiguration
- **Spring Boot Actuator**
 - Architecture, Modules (Health, Metrics, Info, Trace, Audits), Endpoints (HTTP, JMX, SSH), Configuration & Customizing
- **Spring Boot Data**
 - JPA (Spring Data JPA), NoSQL (Spring Data MongoDB)
- **Spring Boot RESTful APIs**
 - REST over Spring MVC (Annotations, Exceptions, Validation, HATEOS, Projections),
 - REST with Spring Data REST
- **Spring Boot Messaging**
 - Architecture, JMS with ActiveMQ, AMQP with RabbitMQ
- **Spring Boot Security**
 - Basic Authentication, Method Based Security, OAuth2, JWT, 2FA