

# Mastering Spring Data & Persistence

*Go deep with Spring Data JPA, Hibernate, and transactions.*

DURATION

**1 day**

LEVEL

**Professional**

GROUP RATE

**\$2,900**

## CURRICULUM & HIGHLIGHTS

- Spring Data JPA Repos
- Entity Mapping & Relations
- Transactional Logic
- Query Optimization & N+1
- Migrations with Flyway

The data layer is often the most critical part of an application. Inefficient queries or incorrect transaction management can quickly lead to instability and costly performance issues in production environments that require high data throughput today.

In this workshop, we master Spring Data JPA through hands-on practice and Active Learning. I demonstrate how to leverage the Repository pattern, handle complex entity relationships, and optimize queries to avoid N+1 issues. We also cover transaction management with `@Transactional` in depth and implement automated database migrations using Flyway. You get the tools required to build a data layer that is fast, secure, and easy to maintain in a demanding Enterprise environment where data quality is the top priority here today in this course.

### TERMS

*Fixed rate (max 12) for remote delivery. Extra costs for onsite.*

### YOUR OUTCOME

*Secure management of Spring Data JPA, entities, and transactions in production now.*

### TARGET AUDIENCE

Developers needing to master database interaction and persistence with Spring Data JPA.

### PREREQUISITES

*Experience with Spring Boot development equivalent to 'Spring Boot Jumpstart' required.*

### TECHNOLOGIES & FOCUS

JPA

HIBERNATE

PERSISTENCE

SQL

FLYWAY

DATA

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**Andreas Olsson**

EXPERT INSTRUCTOR | 20+ YEARS EXP