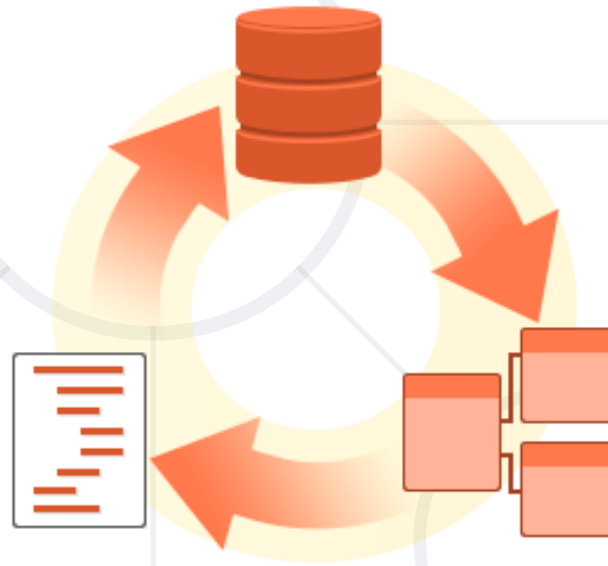


# Spring Data

## Course Introduction



**SoftUni Team**  
**Technical Trainers**



**SoftUni**



**Software University**

<https://softuni.bg>



sli.do  
**#Java-DB**

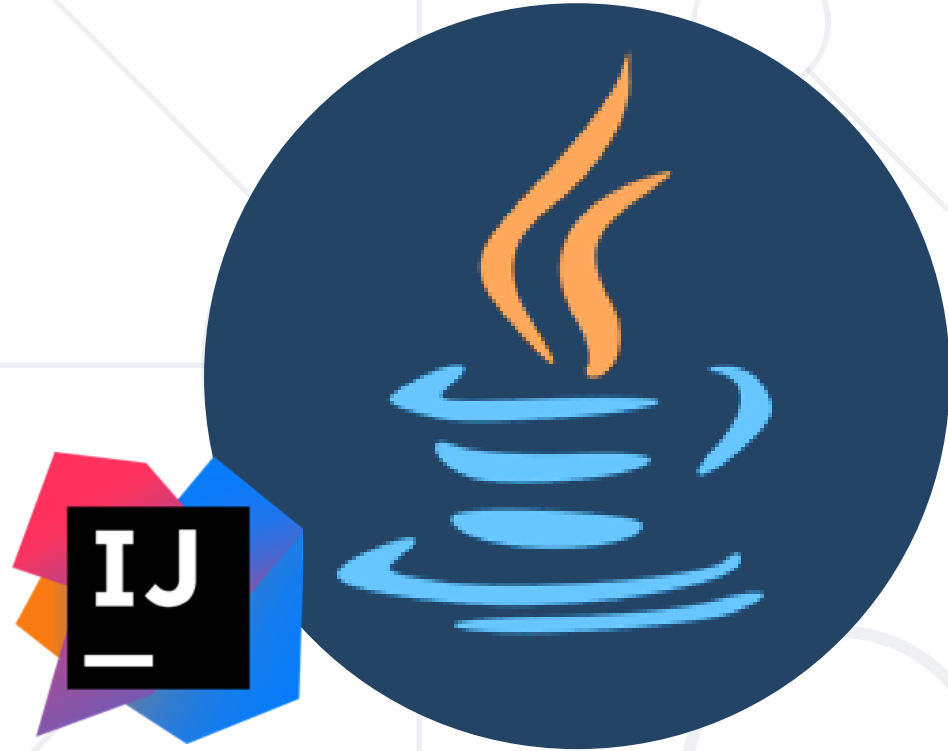
# SoftUni Diamond Partners



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1. Course Objectives & Program
2. The Training Team
3. Course Organization
  - Exam
4. Resources





# Course Objectives & Program

Spring Data

# Course Objectives

- The **Spring Data** course covers
  - Connecting to local DB instance
  - ORM, Hibernate and Spring Data
  - Code-First implementations
  - Programming Patterns
  - Working with data in other formats (XML, JSON)



- Database Access With JDBC
- ORM Fundamentals
- Introduction to Hibernate
- Hibernate Code First
- Spring Data Intro



- Spring Data Advanced Querying
- Spring Data Auto Mapping Objects
- JSON Processing
- XML Processing
- Exam Preparation
- Workshops – MVC Project







**The Training Team**

- Top performing student from the Software University (2014)
- **10 years** of programming experience
- Teacher at **TUES**
- Experienced with **Java**, **Scala**, **JavaScript** and other platforms and technologies



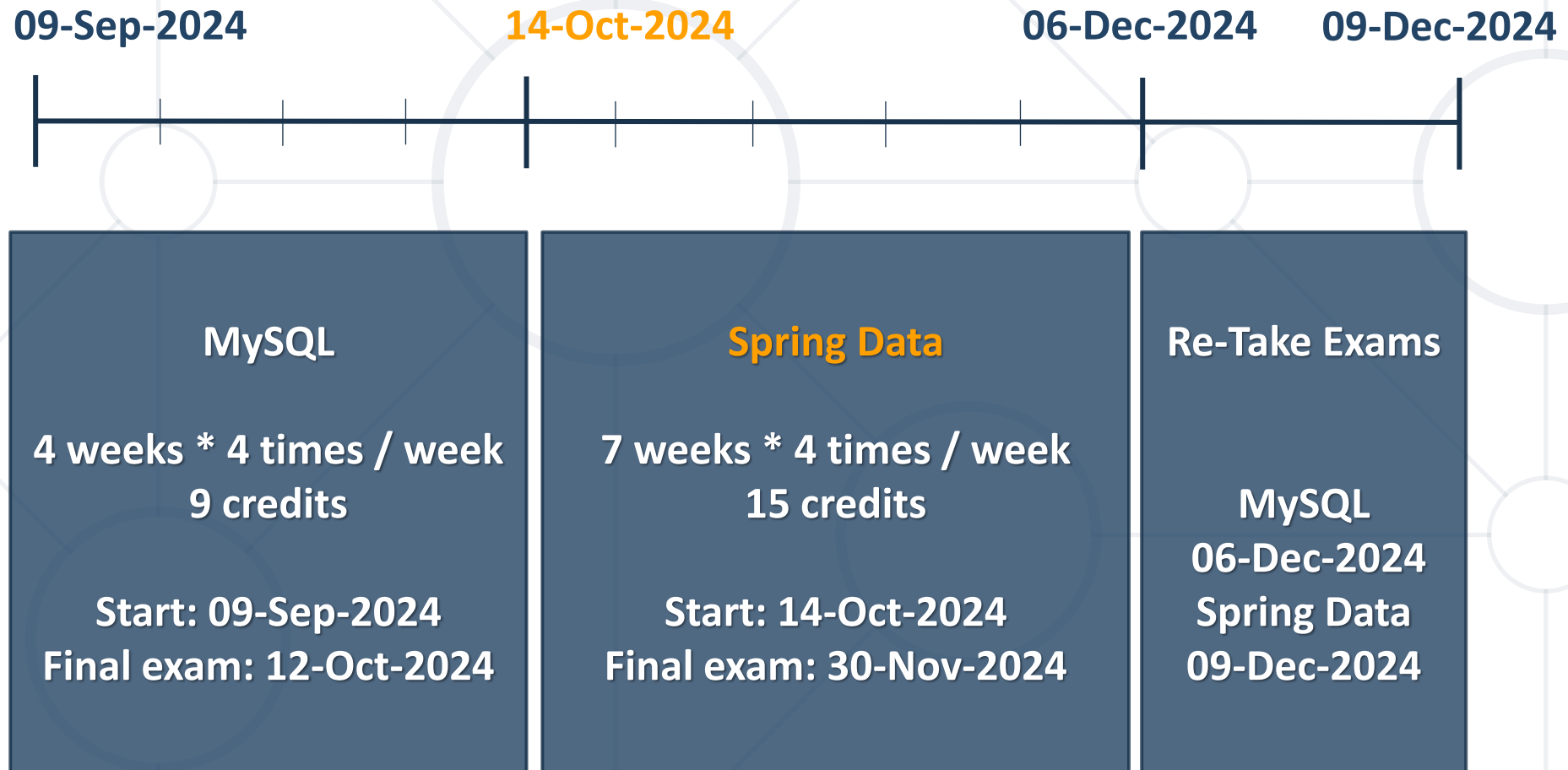
- Software Engineer @ **FlutterInternational**
- Technical Trainer @ **SoftUni**
- **6 years** of programming experience
- Graduated in **Java** and **JavaScript** professions
- Experience in **React JS**
- Also experienced in the role of **Team Lead**






# Course Organization

# Java DB Module – Timeline





**Practical  
Exam  
100%**

**Evaluation**



- Practical web development exam
  - Implementing a simple web application using Spring Framework
  - Given a portion of the Views in a raw form
  - Duration: 5 hours
- Solutions are submitted in [judge.softuni.org](https://judge.softuni.org)





- Test for 30 minutes
  - Multiple-choice with one correct answers
  - English
- Automated quiz system
- Available online the day of the practical exam
  - You can submit your answer just one time





# Resources

What We Need Additionally?

# Java DB Course and FB Group

- Official web site:

<https://softuni.bg/trainings/4710/spring-data-october-2024>

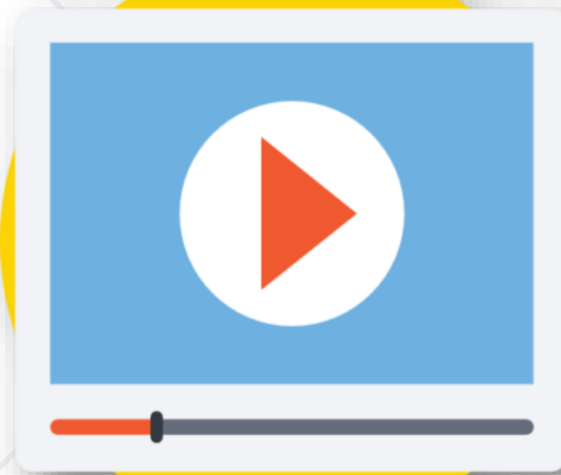
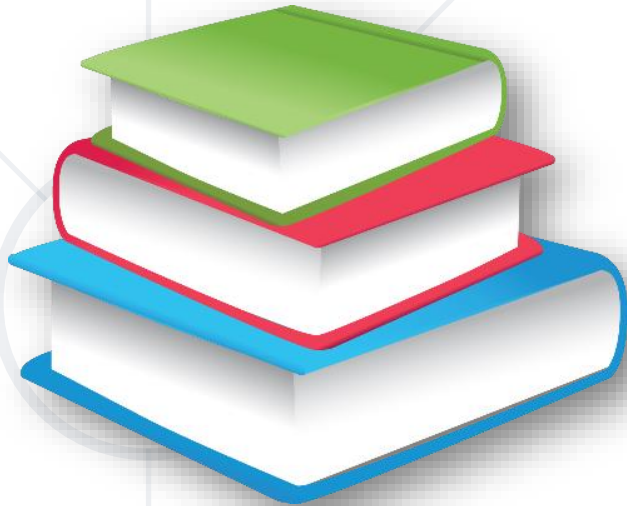
- Official Facebook group:

<https://www.facebook.com/groups/javadbseptember2024>



# The Spring Data Slides and Videos

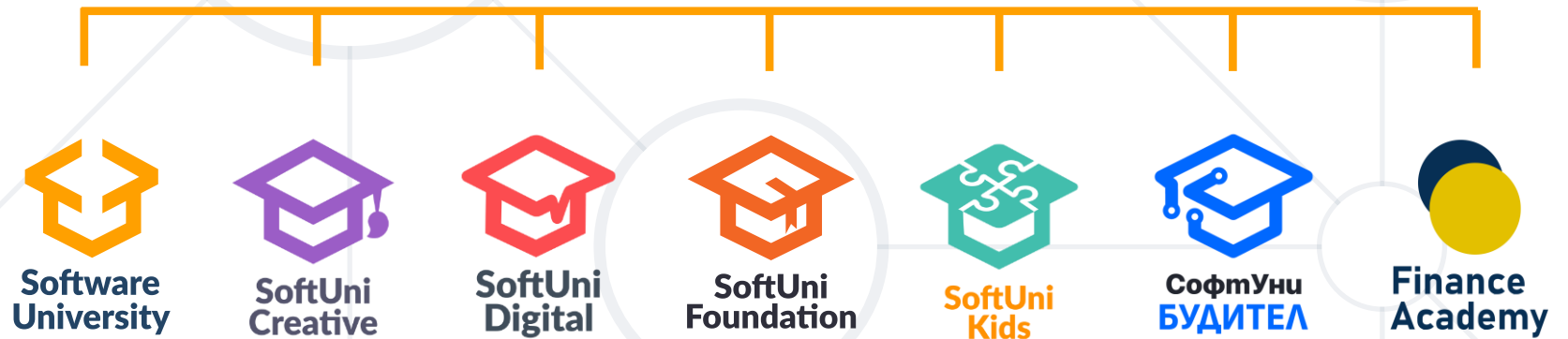
- All lecture slides, videos, homework assignments, projects and other resources are open content, available for free
  - Visit the course [web site](#) to access the course resources



- The course assignments require to search in Internet
  - This is an important part of the learning process
  - Some exercises intentionally have no hints
- Learn to find solutions!
  - Software development includes **everyday searching and learning**
  - No excuses, just **learn** to **study**!
  - Developers learn new technologies, tools, languages every day!



# Questions?



- Software University – High-Quality Education, Profession and Job for Software Developers

- [softuni.bg](http://softuni.bg), [about.softuni.bg](http://about.softuni.bg)

- Software University Foundation

- [softuni.foundation](http://softuni.foundation)

- Software University @ Facebook

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