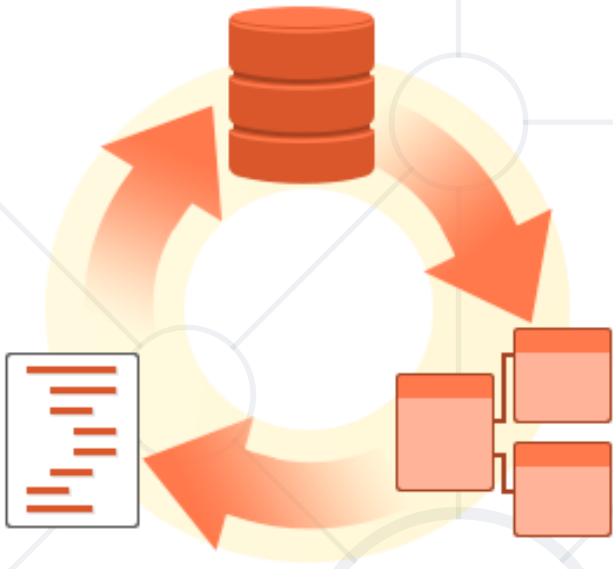


# Spring Data

## Course Introduction



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



**SoftUni**



**Software University**

<https://softuni.bg>

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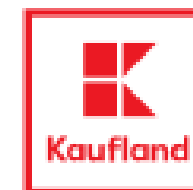
[sli.do](https://sli.do)

**#Java-DB**

# SoftUni Diamond Partners

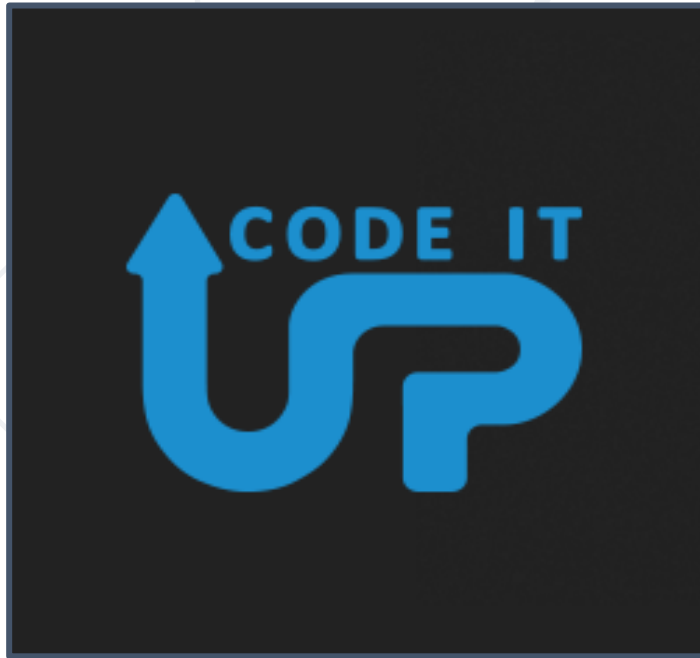


**SCHWARZ**



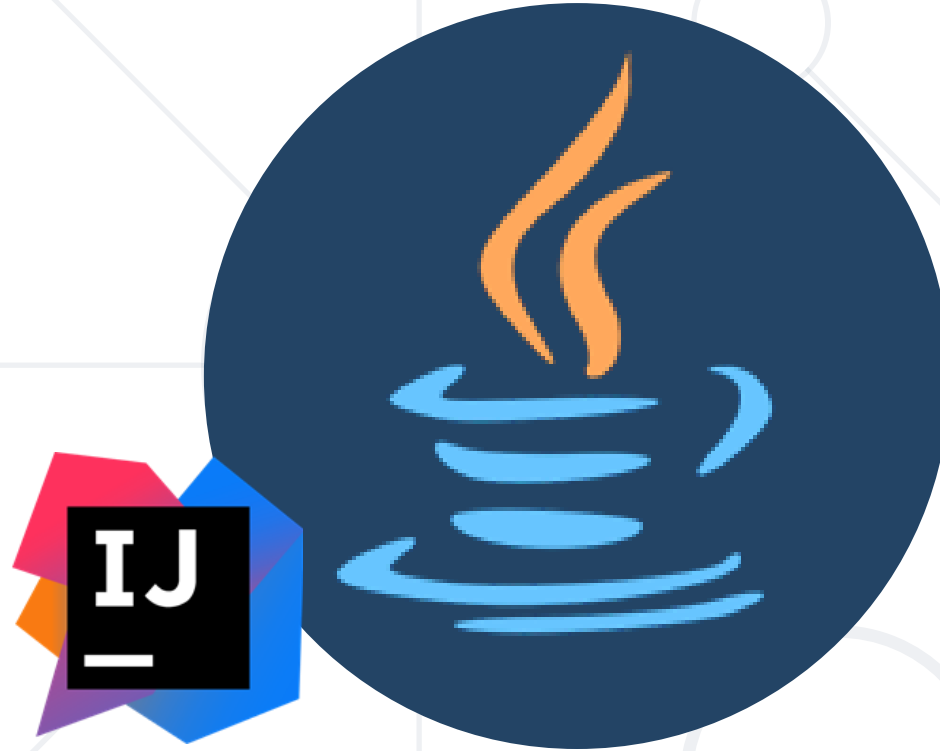
**SUPER  
HOSTING  
.BG**





**VIRTUAL RACING SCHOOL**





# 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)



# Course Topics (1)

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





# Course Topics (2)

- Spring Data Advanced Querying
- Spring Data Auto Mapping Objects
- JSON Processing
- XML Processing
- Exam Preparations
- Workshop – MVC Project





# **The Training Team**

- **Nikolai Bankin**

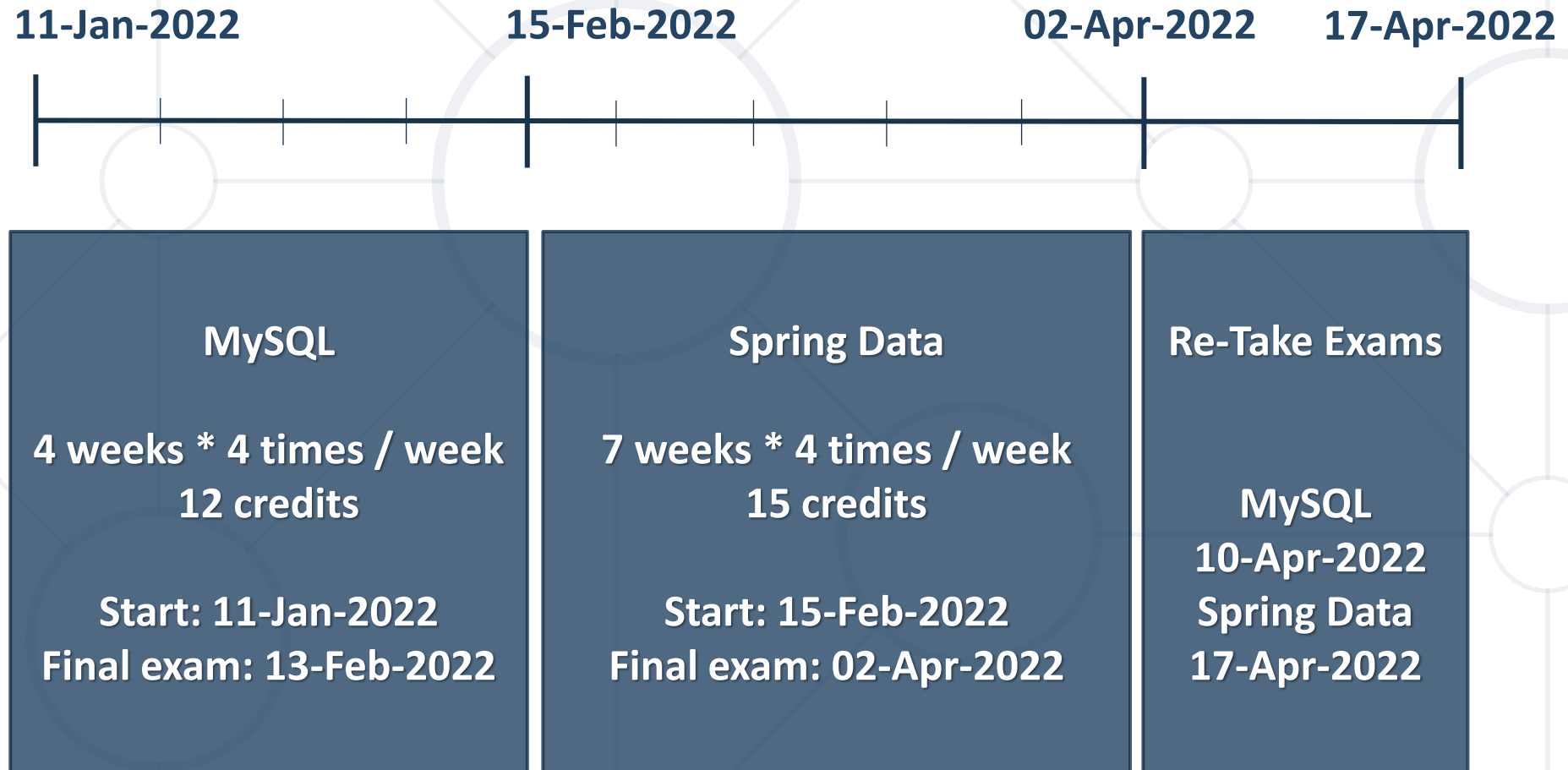
- Top performing student from the Software University (2014)
- 8 years of programming experience
- Teacher at TUES
- Experienced with Java, Scala, JavaScript and other platforms and technologies.





# Course Organization

# Java DB Module – Timeline







- Your homework is mainly work in class!
  - Lesson days → slides + live demos + exercises
  - Exercise days → only exercises
- How to submit your homework?
  - Submitted on the course page in **softuni.bg**
- Exam - Project







# Resources

What We Need Additionally?

- Official web site:

<https://softuni.bg/trainings/3592/spring-data-february-2022>

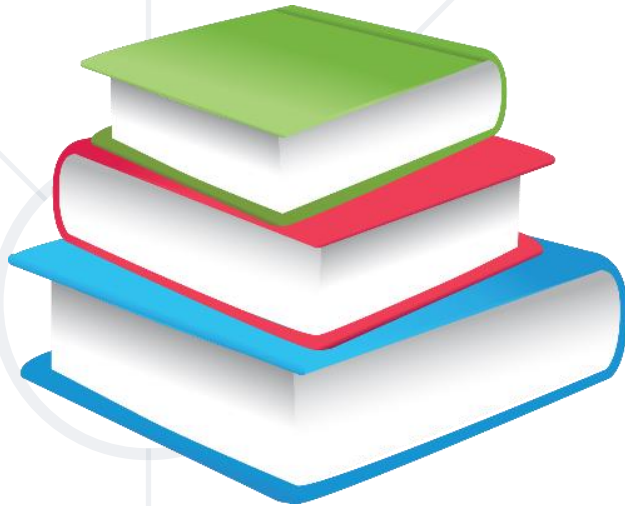


- Official discussion forum:

<https://softuni.bg/forum/categories/78/databases-advanced-hibernate>



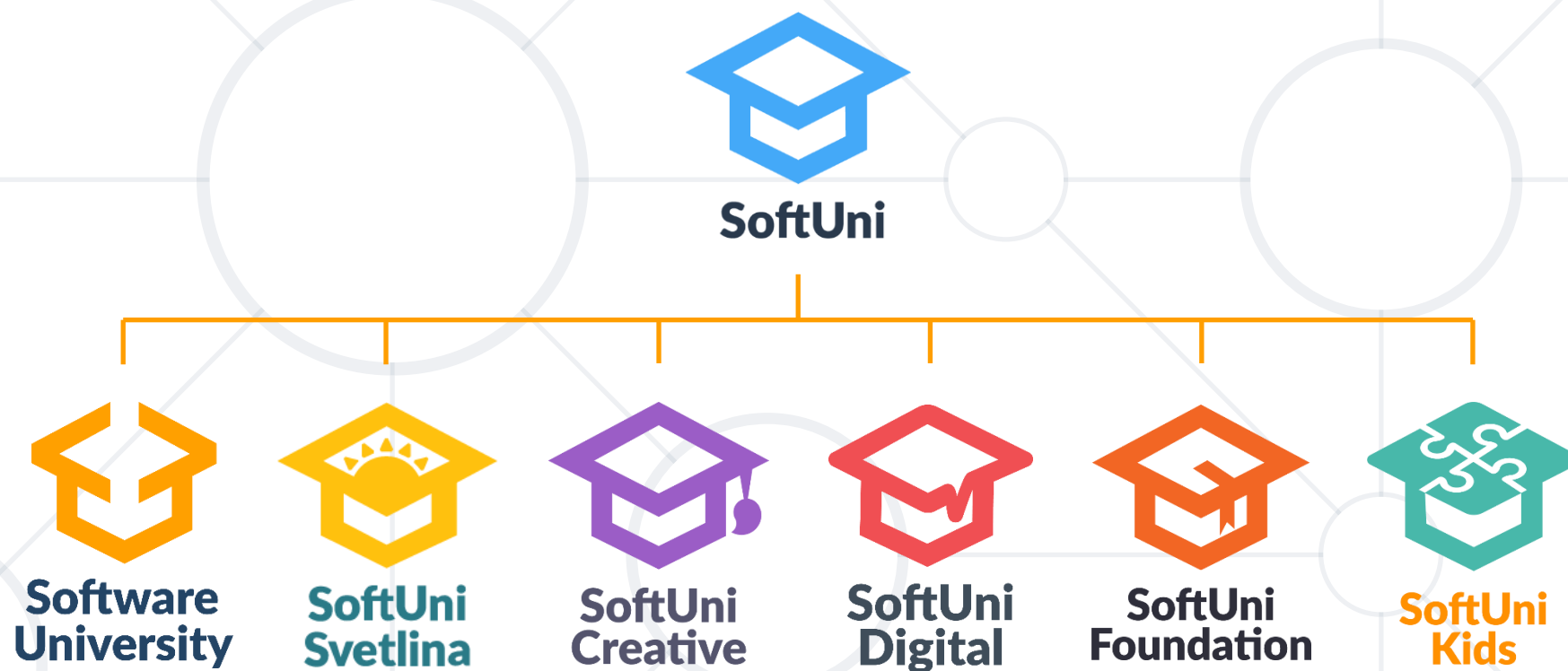
- All lecture slides, videos, homework assignments, projects and other resources are open content, available for free
  - Visit the course [web site](#) to access the course resources



- 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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