

JS Back-end

Course Introduction



SoftUni Team
Technical Trainers



SoftUni



Software University

<https://softuni.bg>

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sli.do

#js-web

SoftUni Diamond Partners

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GROUP**

createX



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Решения за твоето утре

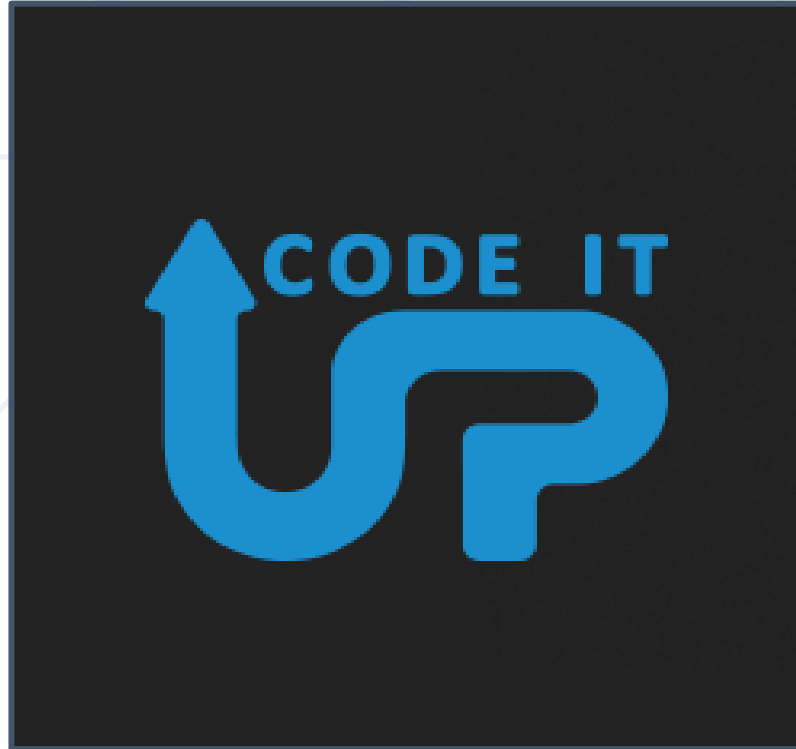


BOSCH

DXC
TECHNOLOGY



SmartIT





JS Back-end

Course Objectives

- Extend the skills, gained in JS Advanced, by introducing **server-side JavaScript** technologies
- Learn to use the most **common techniques** in web development
 - Request routing
 - HTML templates
 - Database storage
- Apply the fundamentals of **application architecture** and code convention through the **MVC pattern**

JS Back-end – Course Topics

1. Introduction to Node.js
2. Node Utilities
3. ExpressJS and Templating
4. MongoDB and Mongoose
5. Sessions and Authentication
6. Validation and Error Handling
7. Workshop: Building a REST API





Trainers and Team

- **Senior Software Engineer at Payhawk**
- **Trainer at SoftUni**
- **Experience with JS, React, Node.js, MongoDB**
- **6+ years professional experience**



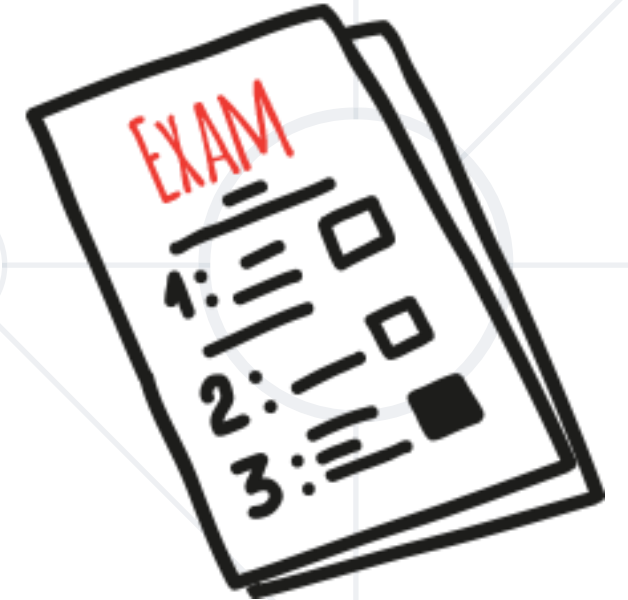


Course Details

Schedule

Practical Exam

- Structure: **1 problem** for **4 hours**
 - **Multi-page** application
 - Use **database storage**
 - Implement **user profiles**
 - **Express.js** with external **libraries**
- Exam: **18 Jun 2023**
- Retake: **10 Aug 2023**



[Link to Exams](#)

Theoretical Exam

- 20 questions for 30 minutes
 - Multiple-choice
 - English
- Automated quiz system
- Available online
 - You can submit your answers just one time



JS Web Module Timeline

JS Back-end

6 weeks
2 times per week

Start: 10. May 2023
Exam: 18. Jun 2023

10.

May

18.

Jun

Angular

6 weeks
2 times per week

Start: 20. Jun 2023
Project Defense: 12-13. Aug 2023

20.

June

12.

13.

July

August

Retakes

JS Back-end: 10. Aug 2023
Angular: 20. Aug 2023

August

- **Practice** grade:

Practical Exam

100 %

- **Theory** grade:

Theoretical Exam

100 %

- SoftUni Certificate: **5.00** from **Practice**
- CPE Certificate: **3.00** average from **Practice + Theory**

- 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!



Course Web Site, Forum and FB Group

- Official web site:

softuni.bg/trainings/4111/js-back-end-may-2023

- Official discussion forum:

softuni.bg/forum/categories/107/

- Official Facebook group:

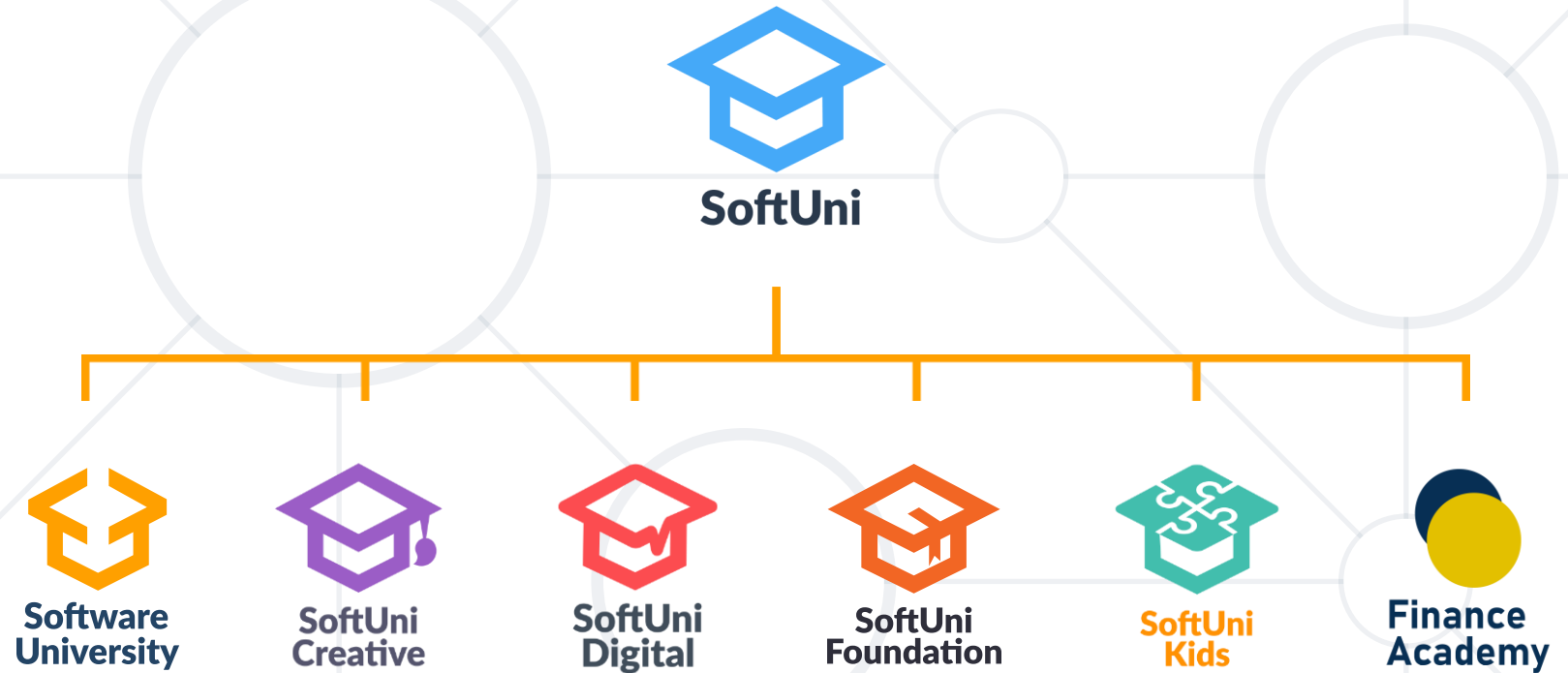
facebook.com/groups/JSBackEndMay2023

- Official SoftUni JavaScript Community:

facebook.com/groups/SoftUniJavaScriptCommunity/



Questions?



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

- softuni.bg, softuni.org

- Software University Foundation

- softuni.foundation

- Software University @ Facebook

- facebook.com/SoftwareUniversity

- Software University Forums

- forum.softuni.bg



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