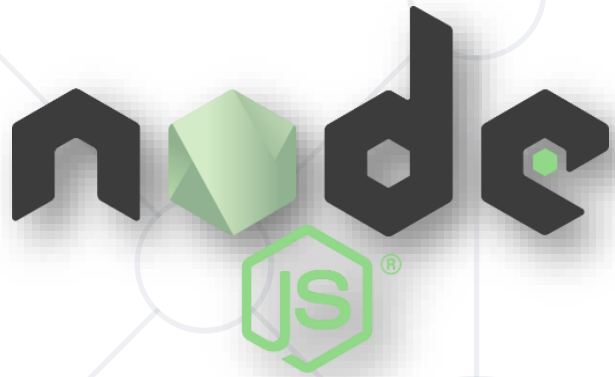


# JS Back-end

## Course Introduction



SoftUni Team  
Technical Trainers



**SoftUni**



Software University

<https://softuni.bg>

sli.do

**#js-back-end**

# SoftUni Diamond Partners



# Table of Contents

1. Course Objectives
2. Trainers and Team
3. Course Details





# 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.js Streams and Utilities
3. ExpressJS and Templating
4. NoSQL and MongoDB
5. Sessions and Authentication
6. Validation and Error Handling
7. Workshop: Building a REST API





**Trainers and Team**



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



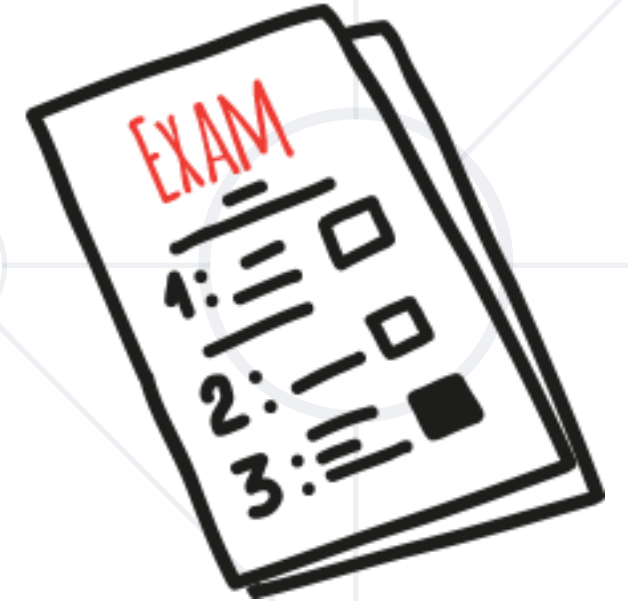


# Course Details

Schedule

# Practical Exam

- Structure: **1 problem** for **6 hours**
  - **Multi-page** application
  - Use **database storage**
  - Implement **user profiles**
  - **Express.js** with external **libraries**
- Exam: **27 Oct 2024**
- Retake: **12 Dec 2024**



[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. Sep 2024  
Exam: 27. Oct 2024

10.

Sep

27.

Oct

## Angular

7 weeks  
2 times per week

Start: 29. Oct 2024  
Project Defence: 14. and 15.  
Dec 2024

29.

Oct

14.

15.

Nov

Dec

## Retakes

JS Back-end: 12. Dec 2024  
Angular: 21. Dec 2024

Dec

- **Practice** grade:

**Practical Exam**

100 %

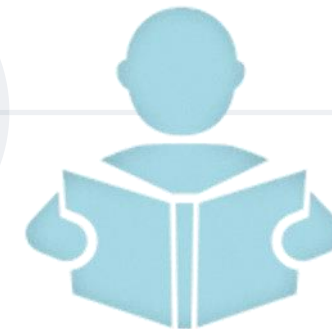
- **Theory** grade:

**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 and FB Group

- Official web site:

[softuni.bg/trainings/4711/js-back-end-september-2024](https://softuni.bg/trainings/4711/js-back-end-september-2024)

- Official Facebook group:

[facebook.com/groups/jsbackendseptember2024](https://facebook.com/groups/jsbackendseptember2024)

- Official SoftUni JavaScript Community:

[facebook.com/groups/SoftUniJavaScriptCommunity/](https://facebook.com/groups/SoftUniJavaScriptCommunity/)

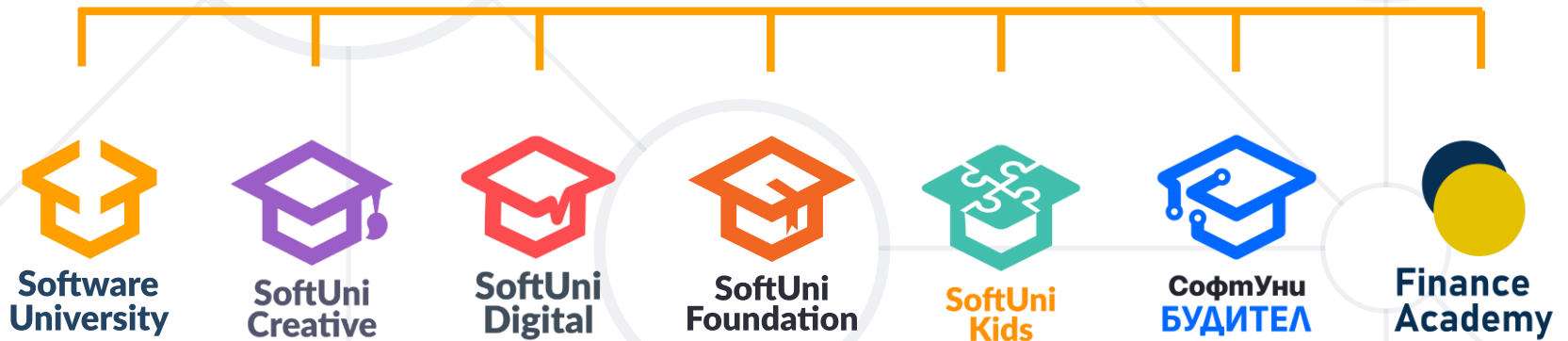




# Questions?



SoftUni



- Software University – High-Quality Education, Profession and Job for Software Developers
  - [softuni.bg](http://softuni.bg), [softuni.org](http://softuni.org)
- Software University Foundation
  - [softuni.foundation](http://softuni.foundation)
- Software University @ Facebook
  - [facebook.com/SoftwareUniversity](https://facebook.com/SoftwareUniversity)



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