

ASP.NET Advanced

Course Introduction



http://

SoftUni Team

Technical Trainers



ASP.NET Core



SoftUni



Software University

<https://softuni.bg>

sli.do

#csharp-web

SoftUni Diamond Partners



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Course Objectives

ASP.NET Advanced Course Content

- **ASP.NET Core** in Depth
- **Razor** View Engine
- Application Flow, **Filters** and **Middleware**
- Web **API**
- **Security**
- ASP.NET **Identity**, **External Login** and **JSON Web Tokens**



ASP.NET Advanced Course Content

- Project **Architecture**
- **Testing**
- **WebHost, Logging, Cache, Sessions**
- SignalR
- **Azure, Deployment and Continuous Integration**
- Blazor



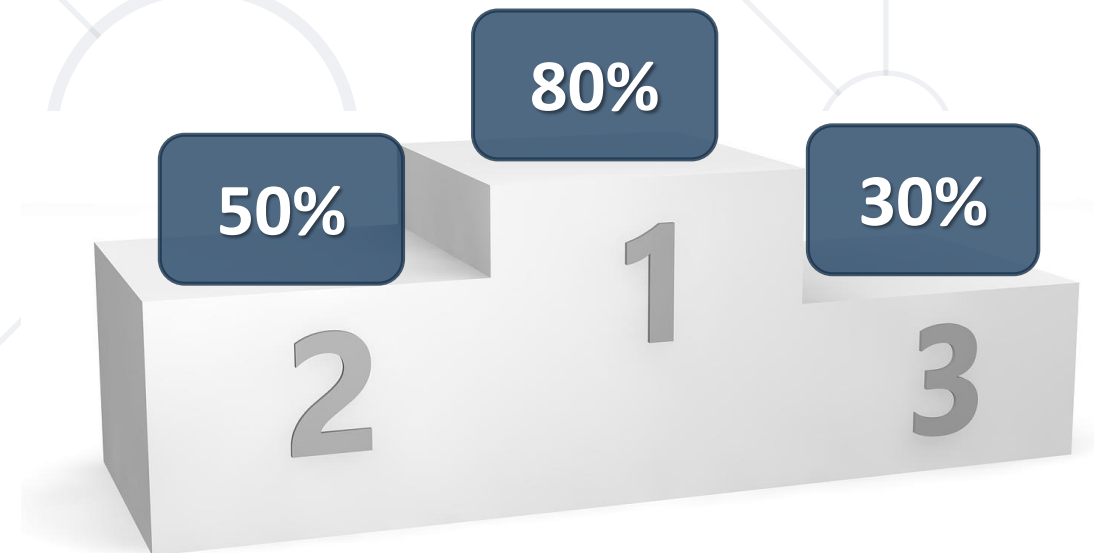
Exam – Project Defense

- Implementing a **web application** with:
 - ASP NET Core (.NET 8.0)
- Public defense of its work in front of a trainer
 - **10 – 15** minutes
 - **Demonstrate** how the app works (very short)
 - **Show** the source code and **explain** how it works
 - **Answer** questions related to the project



Project Challenge

- The three best projects will win a discount for the next course (professional / open program)
 - First place – 80% of the price
 - Second place – 50% of the price
 - Third place – 30% of the price





Trainers

- **Head of Department @ Information Services Plc.**
- **Worked with various technologies**
 - **.NET and C#, BASIC, Pascal, Object Pascal, PHP**
- **20 years of experience**
- **Experienced Lecturer**
 - **C# Basics and ASP.NET Core @ Softuni**



- Programming experience from **6 years**
- Embedded C/C++ Software Engineer @ **Visteon Bulgaria**
- Completed the **C#** and **JavaScript** path @ **SoftUni**
- Develops **web projects** in **C#** and microcontroller programming in **C++** and **Python**
- Involved in **PCB Design**





Course Organization

ASP.NET Advanced – Timeline

23-Oct-2024

14/15-Dec-2024

21-Dec-2024

ASP.NET Advanced

**7 weeks * 2 times / week
18 credits**

Start: 23-October-2024

Project Defense – Regular Exam: 14 & 15-December-2024

Project Defense – Retake Exam: 21-December-2024

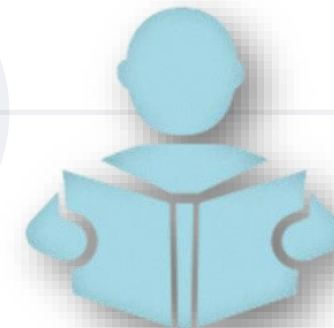




- Live coding
- You no longer have homework
 - Develop a web application
 - Work with GitHub
- Groups of lectures are followed by workshops
 - Knowledge is used to extend an application
 - Best practices are applied



- 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!



- Official website

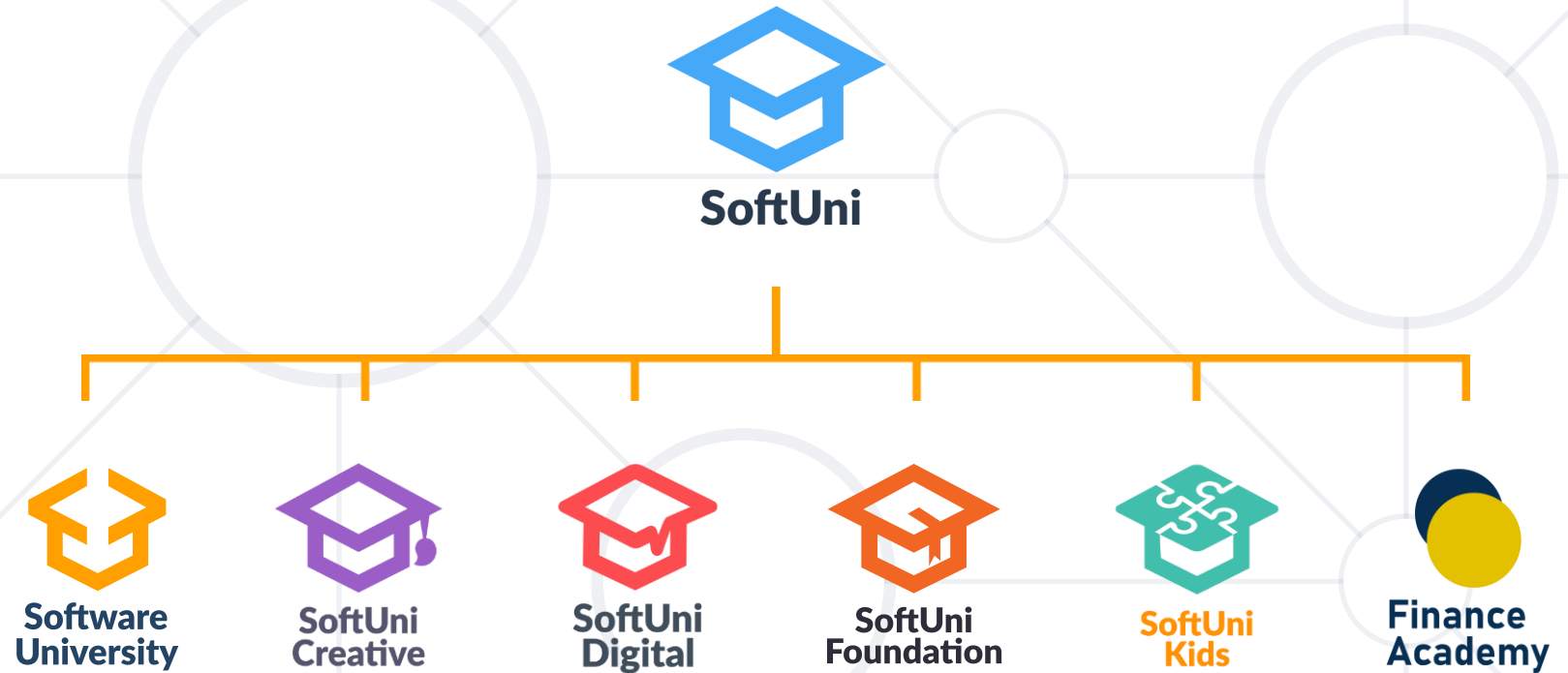
<https://softuni.bg/trainings/4708/asp-net-advanced-october-2024>

- Official Facebook group

<https://www.facebook.com/groups/csharpwebseptember2024>



Questions?



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