ASP.NET Fundamentals

Course Introduction
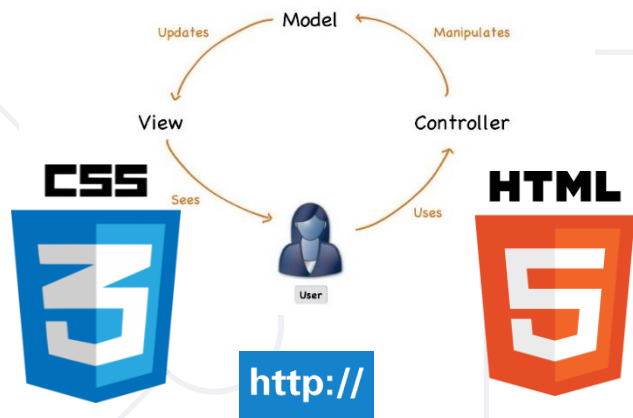
SoftUni Team

Technical Trainers

Software University

Software University

https://softuni.bg

Software University

sli.do

#csharp-web

SoftUni Diamond Partners

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Course Objectives

ASP.NET Fundamentals

- Web Fundamentals

- **HTTP** Protocol

- Asynchronous Processing

- **ASP.NET** Fundamentals

- ASP.NET and **Databases**

- Cookies and Sessions

- ASP.NET **Identity**

ASP.NET Advanced

- **ASP.NET Core** in Depth
- **Razor** View Engine
- **Security** and **Identity**
- Project **Architecture**
- **Unit Testing**
- Control Flow
- **Deployment** and **Continuous Integration**

Practical Programming Exam

- 1 practical problem for **6** hours
  - Implementing a **simple web application**
  - Solutions are evaluated **by hand** after the exam

Theoretical Exam

- You will have **30 minutes** once you enter
  - Multiple-choice with **1** correct answer
  - English
- Automated quiz system
- Available during the **practical** exam and **30 minutes after it**
  - You can submit your answers only **one time**
  - Advice: Start it when you **finish** the **practical exam**

Trainers

Stamo Petkov

- **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

Kristiyan Ivanov

- 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 Fundamentals Timeline

11-Sep-2024   **19-Oct-2024**   **10-Dec-2024**

ASP.NET Fundamentals

5 weeks * 2 times / week
15 credits
Start: 11-September-2024

Regular Exams

Final Exam: 19-October-2024
Theoretical Exam: 19-October-2024

Retake Exams

Final Exam Retake: 10-December-2024
Theoretical Exam Retake: 10-December-2024

SoftUni Certificate

Practical Exam 100%

Evaluation

CPE Certificate

Practical Exam

Evaluation

Theoretical Exam

Course Workflow
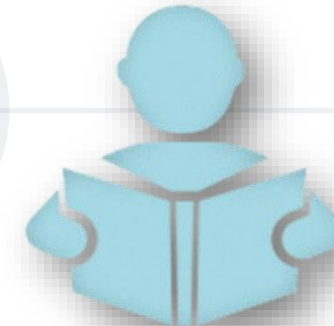
- Live coding

- You no longer have homework

  - Create ASP.NET Core MVC apps and implement features during the course

  - Work with GitHub

- Groups of lectures are followed by workshops

  - Knowledge is used to extend an application

  - Best practices are applied

Learn to Search in Internet

- 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**!

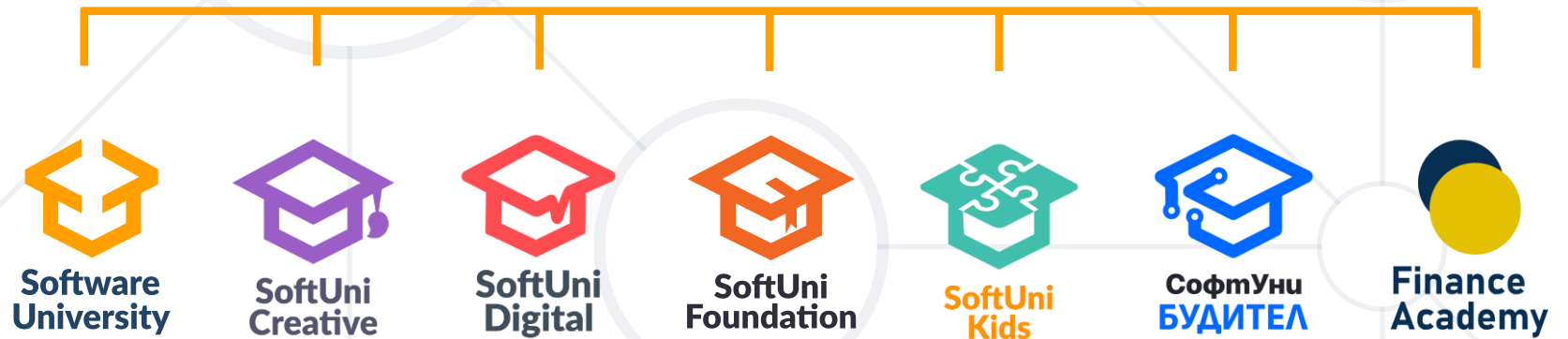 - Developers learn new technologies, tools, languages every day!

Course Web Site and FB Group

- Official web site:

  https://softuni.bg/trainings/4707/asp-net-fundamentals-september-2024

- Official Facebook groups:

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

Questions?

Trainings @ Software University (SoftUni)

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

  - softuni.bg, about.softuni.bg

- Software University Foundation

  - softuni.foundation

- Software University @ Facebook

  - facebook.com/SoftwareUniversity

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