# ASP.NET Fundamentals

## Course Introduction
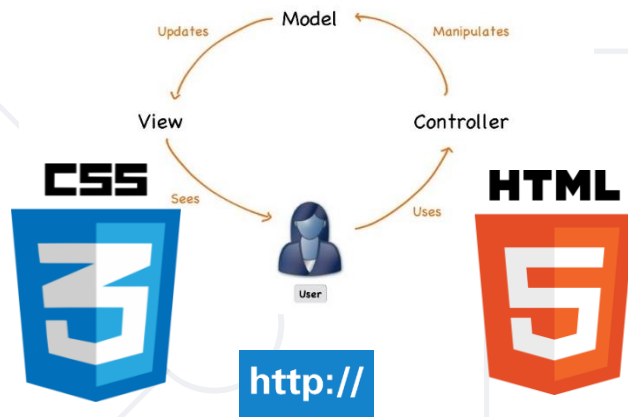
**SoftUni Team**

**Technical Trainers**

Software University

SoftUni

Software University

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**Software University**

# sli.do

# #csharp-web
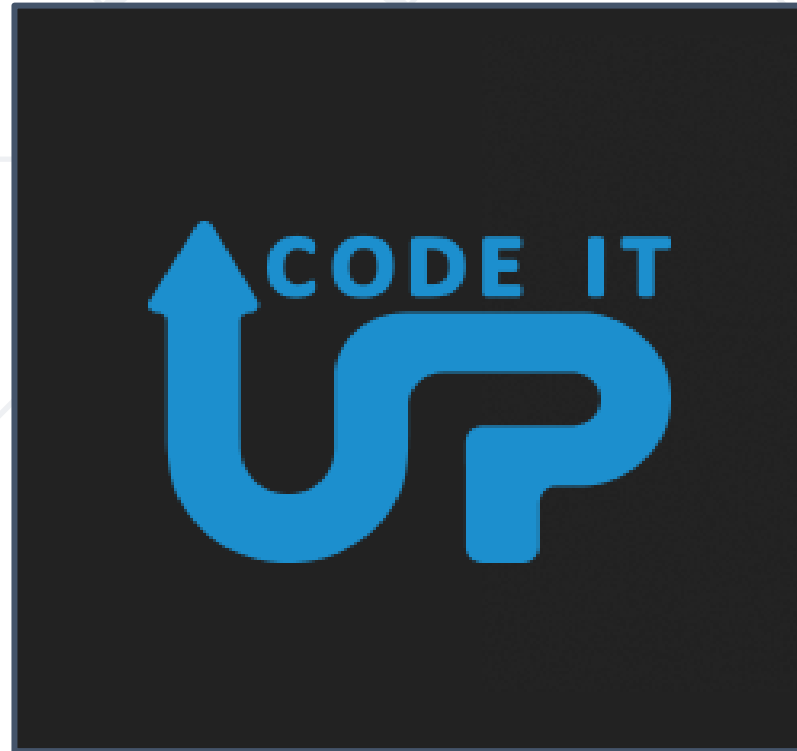
Course Objectives

# 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 **4** 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

**Software University**

- **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

- **Top Student @ SoftUni**

- **Technical Trainer @ SoftUni**

- **Student @ Technical University of Sofia**

- Interests include mechanics and electronics

- **Automotive Software Development**

- Interested in coding with **C#**, **Python**, **C++**

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Course Organization

# ASP.NET Fundamentals Timeline

11-May-2023                    17-Jun-2023                    16-Aug-2023

**ASP.NET Fundamentals**

**5 weeks * 2 times / week**
**12 credits**

**Start: 11-May-2023**
**Exam: 17-Jun-2023**
**Theoretical Exam: 17-Jun-2023**
**Re-Take Exams: 16-Aug-2023**

# SoftUni Certificate

**Software University**

Practical Exam 100%

Evaluation

# CPE Certificate

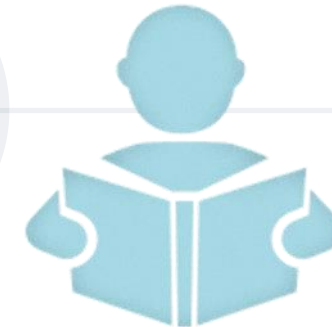Practical Exam

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, Forum and FB Group

- Official web site:

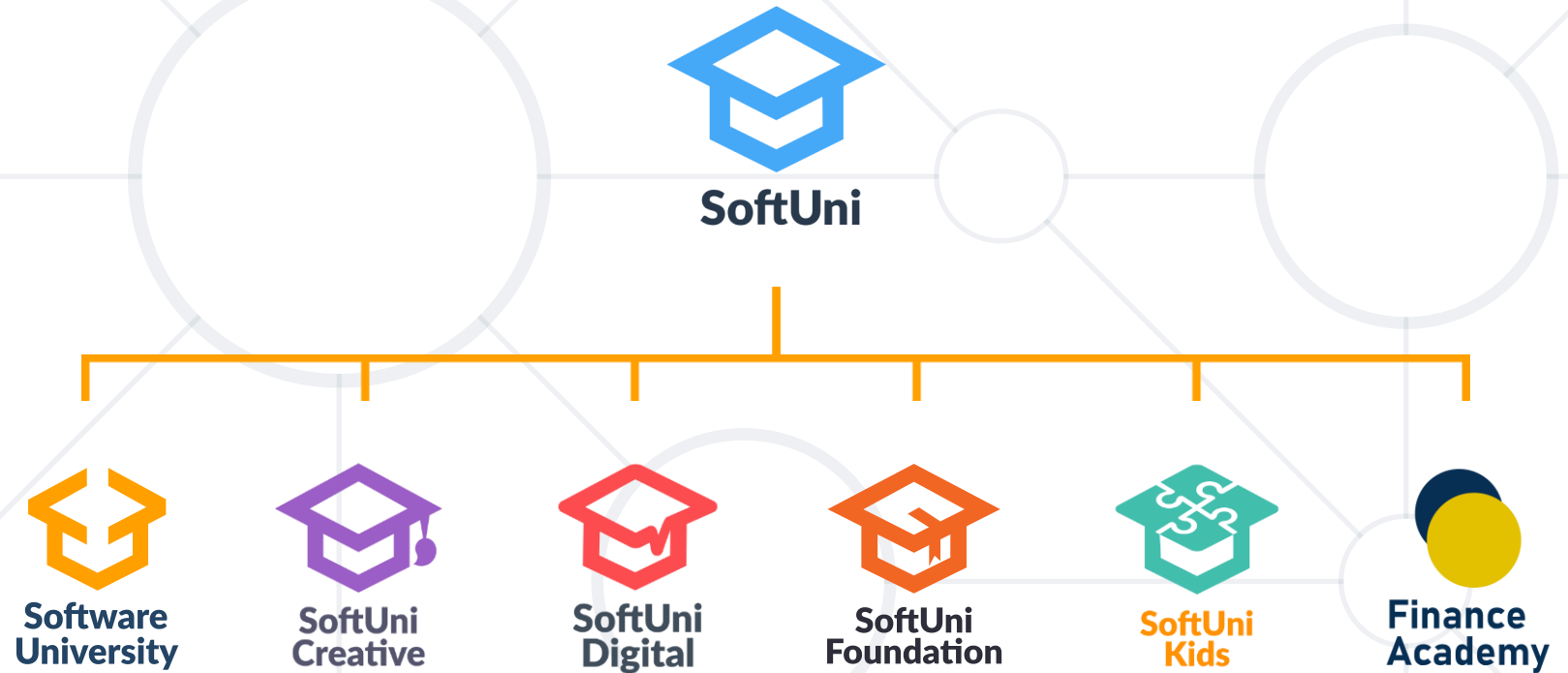  **https://softuni.bg/trainings/4105/asp-net-fundamentals-may-2023**

- Official discussion forum:

  **https://softuni.bg/forum/categories/66/csharp-web-development-basics**

- Official Facebook groups:

  **https://www.facebook.com/groups/CsharpWebMay2023**

# 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
- Software University Forums
  - forum.softuni.bg

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