

Front-End Test Automation

Course Introduction

UI/UX 



SoftUni Team
Technical Trainers



SoftUni



Software University

<https://softuni.bg/>

You Have Questions?

sli.do

#QA-Auto-FrontEnd

SoftUni Diamond Partners



Table of Contents

1. Course Objectives

- Course Scope

2. Training Team

3. Course Organization

- Course Infrastructure
- Evaluation Criteria

4. Exam





Course Objectives and Scope

Course Goals



- Gain a solid foundation in **front-end test automation**
- Gain hands-on experience with popular key automation tools like **Selenium IDE, Selenium WebDriver, Appium**
- Explore **Security Testing**
- Understand the underlying **architecture** of test automation systems

Course Scope

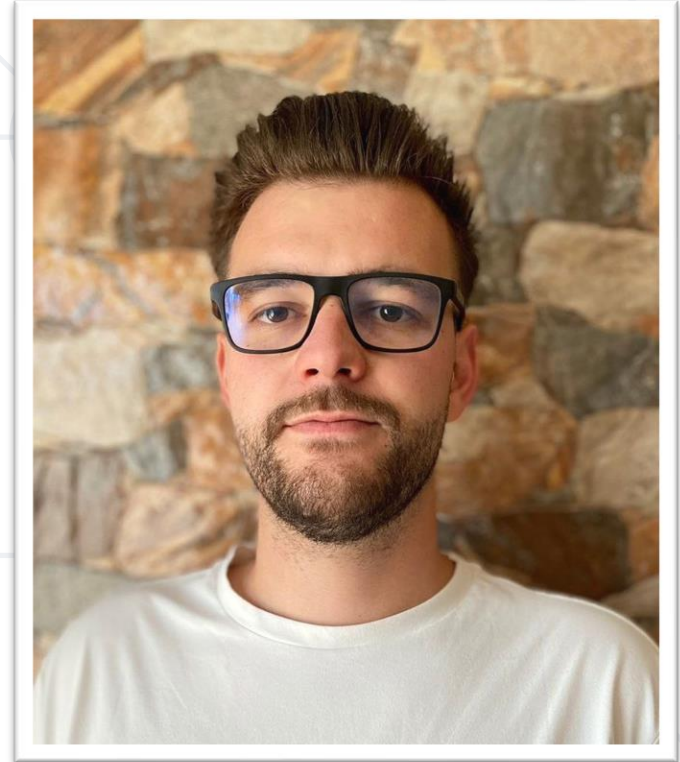
- Exploring and practicing:
 - Selenium IDE
 - Selenium Web Driver
 - Appium Desktop
 - Appium Mobile
 - Test Automation Architecture
 - Security Testing





Training Team

- **QA Automation Developer** with over 6 years of experience
- Programming background since high school
- Education in **Computer and Software Engineering** from TU
- Professional experience with companies like Seeburger and Automate the Planet
- Current Role: **Senior QA Automation Developer at Nuvolo**



- Over **10 years of experience** in software development
- Has worked as a **Manual QA, Automation QA, and QA Manager** on HCM business applications
- Participated in dozens of interviews as a **Technical Team Lead**
- Spends 99% of his vacations traveling the world, enjoys board games and sports





Course Organization

Front-End Course Timeline

01-Jul-2024

18-Aug-2024

23-Aug-2024

Front-End Technologies Basics
7 weeks * 3 times / week
12 credits

Start: 01-Jul-2024
Theoretical Exam: 18-Aug-2024
Practical Exam: 18-Aug-2024
Theoretical Exam Retake: 23-Aug-2024
Practical Exam Retake: 23-Aug-2024

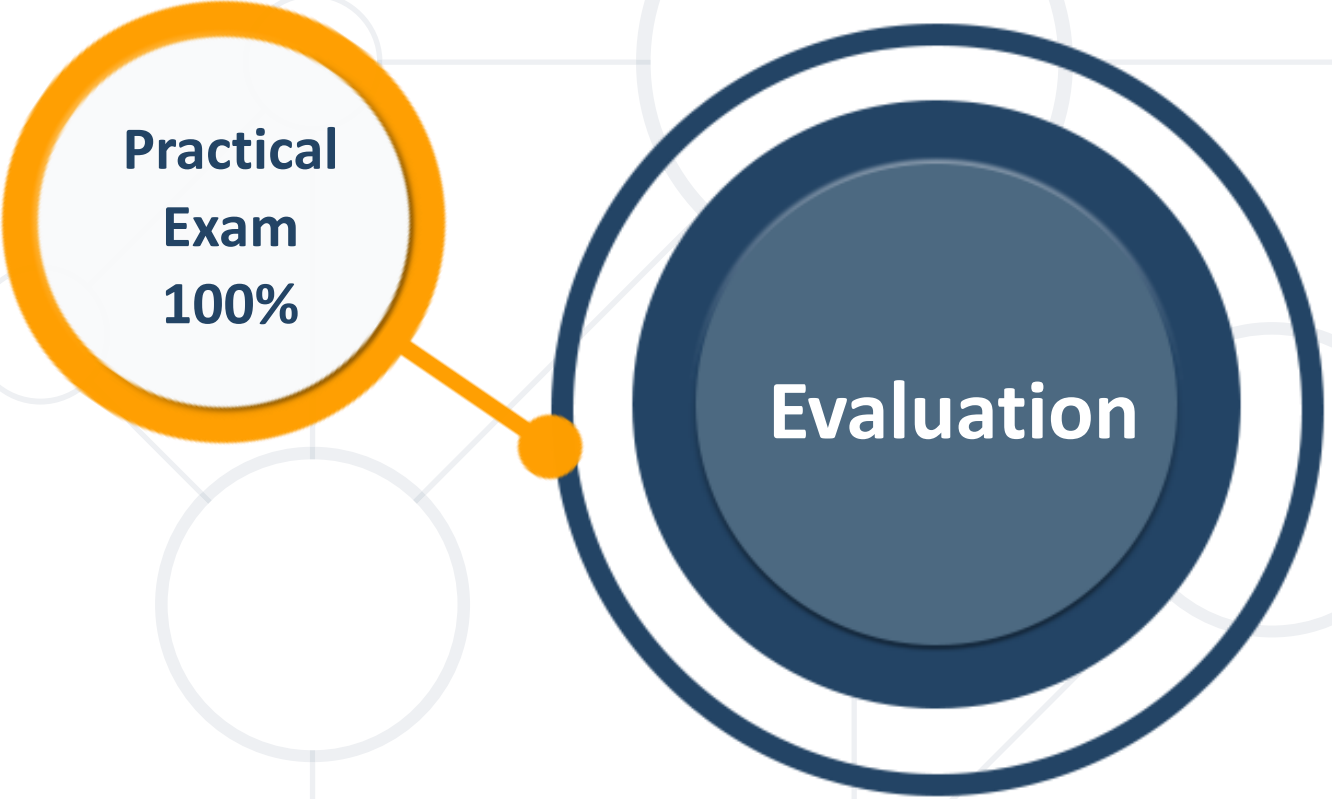


Exam

Exams

- Both exams will be conducted in English
- **Practical Exam**
 - Practical Tasks for 4 hours
- **Theoretical Exam**
 - 10 questions for 30 minutes
 - Multiple-choice with **1 correct** answer
 - Automated **quiz system**



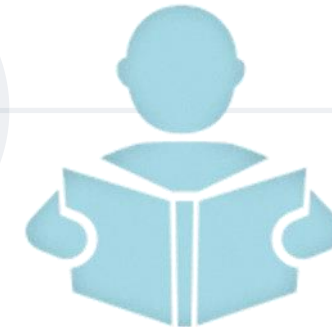


**Practical
Exam
100%**

Evaluation



- 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!
 - Quality assurance includes **everyday searching and learning**
 - No excuses, just **learn to study!**
 - QAs learn new technologies, tools, languages every day!



- Official web site:

<https://softuni.bg/trainings/4425/front-end-technologies-basics-may-2024>

- Facebook group for students from Programming for QA

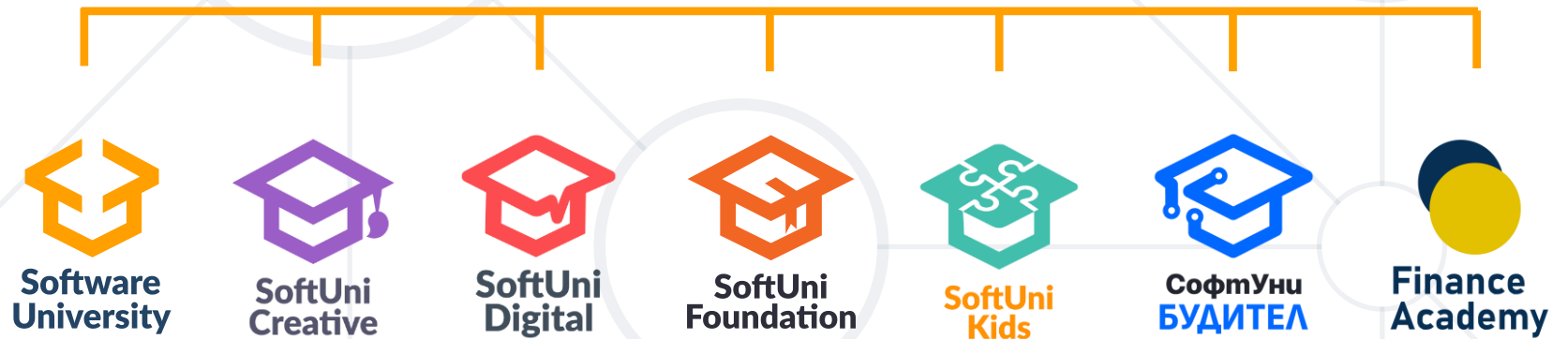
<https://www.facebook.com/groups/frontendtestautomationmay2024programmingforqa>

- Facebook group for students from Back-End Test Automation

<https://www.facebook.com/groups/frontendtestautomationmay2024backendtestautomation>



Questions?



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

- softuni.bg, about.softuni.bg

- Software University Foundation

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