software
development
academy

# CERTIFICATE

## Andrei Popovici

graduated from the course

# Software tester

held by Software Development Academy (through **S.C. FORGE OF TALENTS SRL**, Cod TVA RO38957804) from 29.02.2020 to 04.07.2020, in the form of workshops.

## GENERAL SCOPE

1. **Introduction to testing**
introduction to testing, test design techniques, risk based testing

2. **Testing tools and classes**
theory of tools and creation of cases in tools

3. **Agile and Waterfall**
practical workshop

4. **Introduction to programming**
basic language assumptions, variables, data types, first program, conditional statements

5. **BDD methodology, Selenium WebDriver Fundamentals**
BDD theory and testing, commands, Gherkin, Selenium theory, UI elements, Implicit and Explicit Waits

5. **A summary project**
final project and preparations for ISTQB exam

Timișoara, 06th of July 2020

Costin Alexandru
Country Manager

**Register entry no: RO570/07/2020**

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| No. | Class subject | Topics | No. of hours |
|---|---|---|---|
| 1 | Introduction to testing | Introduction to testing; Tester's Glossary; Test process; Types of tests; Bug and test case; Technical basics | 7 |
| 2 | Test design techniques | Static techniques; Black-box techniques; White-box techniques; Experience-based techniques | 21 |
| 3 | Risk based testing | Introduction to the risk; Risk identification and analysis; Risk management | 7 |
| 4 | Testing tools | Test management tools; Tools for managing test cases; Auxiliary tools; Tools for testing automation; Version control systems; CI tools; Performance testing tools; Web services testing tools; Security testing tools | 7 |
| 5 | Testing classes | Forms; Single page and multiple page; Responsive website; E-commerce websites; Complex pages | 14 |
| 6 | Agile and Waterfall – a practical workshop | Introduction to Agile; Introduction to Waterfall; Practical project with Agile | 7 |
| 7 | Introduction to programming | Basic language assumptions; The first program "Hello, World!"; Variables, data types; Conditional statements; Loops; Basics of object-orientation | 14 |
| 8 | Testing in the BDD methodology | The BDD theory; Testing in BDD; Basics of Gherkin | 14 |
| 9 | Selenium WebDriver Fundamentals | Introduction to Selenium; Browser commands; Navigation commands; Locating UI elements – basics; Implicit and Explicit Waits | 7 |
| 10 | Final project | Final project | 14 |
| 11 | Preparation for the ISTQB exam | The course and form of ISTQB exam; Sample questions on the exam; Mock exam | 7 |

**Total: 112 hours // Trainee's Attendance: 100%**