

Certified Selenium with C# Professional

Automation and its landscape

- Introduction to Automation Testing
- Tools for Automation Testing
- Why automation testing?

Testing Philosophy

- · Introduction to Testing Philosophy

Introduction to C#

Database Connection

- Introduction to Database
- Connecting C# to database
- C# insert into database
- Update Records of database
- Deleting Records to database

Step by Step Connection with Example

C# File Operations

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Introduction to Selenium Web-Driver

- What is Web-Driver?
- How to Launch Browsers?
- Architecture of Web-Driver
- Methods in Web-Driver

Create your first script using Web-Driver

Browser and Navigation Commands

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Web element commands, locators, checkboxes and radio buttons

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Selenium waits, alert & switch Windows

- Expected Conditions with Waits
- Page Load Timeout & Set Script Timeout property
- Wait Until Conditions
- Handle Simple, Confirmation & Prompt Alert

Difference between Window Handle & Handles

Action Class

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Selenium WebDriver Automation Framework Structure

- What is Automation Framework
- Types of Automation Framework

Different Automation Framework with Examples

Screenshots and Reporting

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NUnit

- Introduction to NUnit
- Integrating NUnit with Selenium
- NUnit Annotations
- Writing Test Cases in Selenium using NUnit

Generating reports with Selenium and NUnit

Launching different browsers using Web Driver

- Download specific exe file for multiple Browser
- Launching IE
- Challenges with IE Browser
- IE driver server and path settings
- Launching Chrome

Chrome server and path settings

Parallel Test Execution

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Userlike Actions, Executing Javascript and Working with elements

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Running Tests on Different Drivers and Working With drivers in Selenium

Selenium PhantomJS (Headless Browser) with a Scraper project

Running Tests on Mobile Devices with Selenium and Appium