Selenium 3.0 training

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With the amazing courses and programs by Techeduxon, you will experience a whole new horizon of tech knowledge and put it to the best use.

Course overview

- Basics of Automation
- Introduction to selenium webDriver
- Locating the techniques
- WebDriver Basics - 1 & 2
- WebDriver Framework
- Selenium grid
- Appium - Mobile App Test Automation

Pre requisites

Basic knowledge of Core Java is required.

Target audience

Test engineers, Test Analysts, Software developers, Quality Assurance Engineers.

Course Content

Basics of Automation

- Fundamentals of test automation
- Automation framework
- Tools used

Introduction to Selenium webDriver

- Features of Selenium
- Selenium & how it is used
- WebDriver architecture
- Installation of selenium

Locating the Techniques

- WebDriver program demonstration
- Tags, Attributes and visible texts
- Installation of firebug and firepath
- Locators & Eight locating techniques
- How to create robust locators using CSS

WebDriver Basics - 1 & 2

- WebDriver Commands : Driving Browsers and Handling Cookies
- Web Element Commands
- Handling Various Web Elements
- WebDriver Timeout Methods
- Handling Alerts, Pop-ups, and Frames
- Limitation of Implicit Wait and How Explicit Wait Helps
- Advanced User Interactions
- Taking Screenshots
- Working with Firefox Profiles
- Handling File Uploads Using Auto IT
- Introduction to Flash Application Testing using Selenium webDriver

WebDriver framework

- Introduction to webDriver framework

- Data-Driven Tests Using TestNG and POI
- Introduction to Maven and ANT
- Use of Log4j
- Use of Listeners
- Typical Components of a Framework
- Overview of BDD, TDD
- Overview of Sikuli Tool for UI Testing
- Introduction to Jenkins
- Configuring Jenkins to Invoke Selenium Tests

Selenium Grid

- Selenium grid
- Setting up grid about hub and nodes
- Configuring TestNG.xml to Run Tests on Grid

Appium - Mobile App Test Automation

- Introduction to Appium
- Introduction to Mobile App Test automation
- UI automator with Appium
- Locating Elements for UIAutomator Framework
- Desired Capabilities for Android

Course End Projects:
Project 1: Ethnic Store Project 1
Create an application that hosts a range of products from different manufacturers. This app
needs to provide customers the ability to register and purchase various products.
Project 1: Ethnic Store Project 2
In this project, you will work on implementing the most common e-commerce application
features that are typically found on any e-commerce website.

Projects & Assignments

Our Expert trainers will provide the real time Projects & Assignments.

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Support

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