



# Automation Testing Selenium - Java

Boost your IT Career with Industry-leading  
Software Testing Trainings

QA SOUTSOURCING

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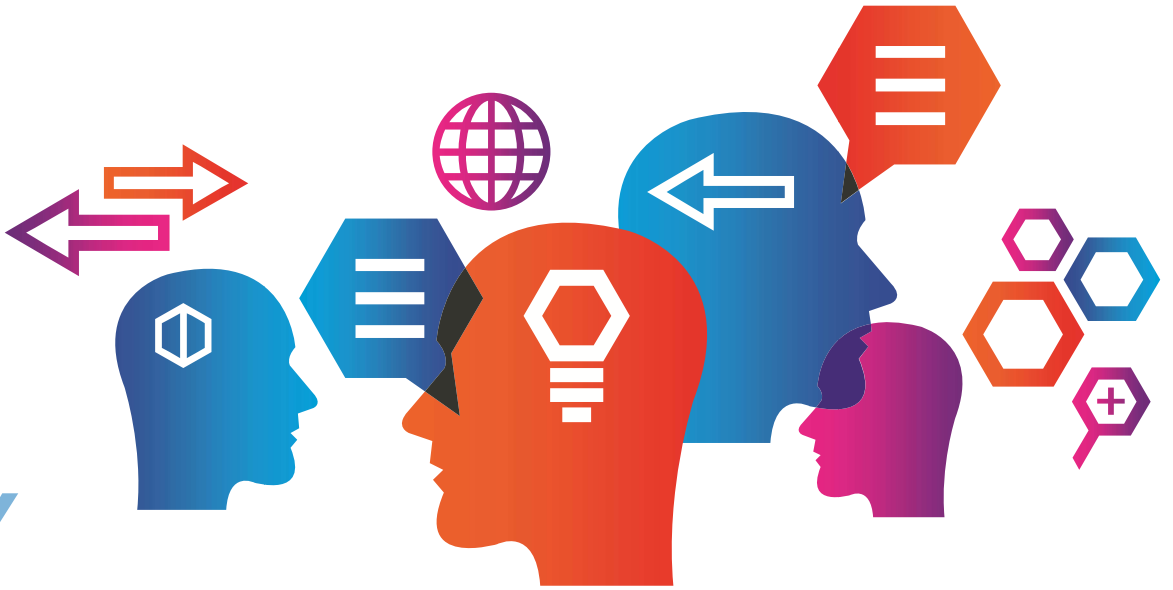
QA TRAININGS



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WHY

# TESTX TECHNOLOGY



“ TestX Software Training Program to enhance your software testing skills, increases your marketability, and achieves professional growth.”

STAY AHEAD OF THE TECHNOLOGY CURVE

ENHANCE YOUR SKILLS

IMPROVED JOB PERFORMANCE

CAREER ADVANCEMENT

NETWORKING OPPORTUNITIES

COST-EFFECTIVE

HANDS-ON LEARNING

EXPERIENCED INSTRUCTORS

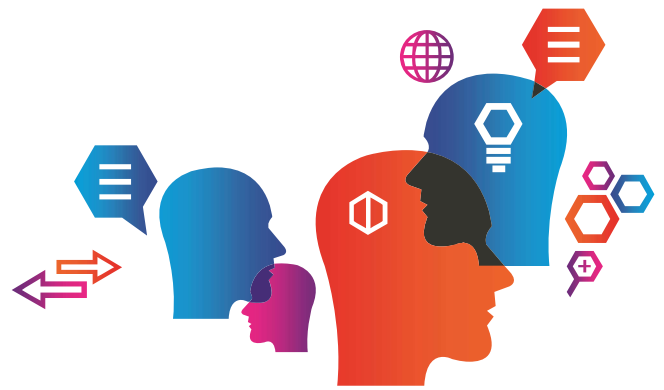
INDUSTRY RECOGNITION



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# WHAT

YOU WILL LEARN IN THIS  
TEST AUTOMATION COURSE?



## PRE-REQUISITE

- Knowledge of any Programming Language
- Object Oriented Fundamentals- OOPs
- Software Testing Fundamentals – Manual Testing
- Good Logical Problem Solving Skills

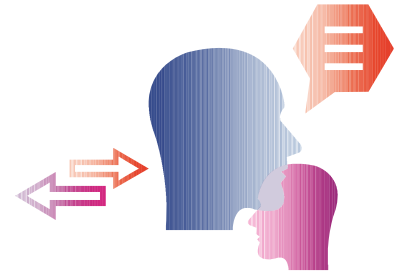
## MODULE-1 [BEGINNER – WEB TEST AUTOMATION]

- Installation and Setup of JDK, Eclipse and Plugins
- Introduction of Selenium: IDE, RC, WebDriver
- Selenium Features and Components
- Architecture of Selenium WebDriver
- Browser Drivers : Chrome, Firefox, Edge, IE, Safari
- WebDriver Commands
- Locators in Selenium: ID, Name, XPath...etc
- Finding XPaths using Plugins
- Find Element and FindElements
- Handle different types of WebElement : Textbox, Button...etc



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- Mouse Click & Keyboard Event using Actions Class
- Handling Pop-Up Windows, Alerts, Iframe and Multiple Windows
- Introduction of Autolt and Sikuli
- Handle Windows Objects using Autolt and Sikuli
- Handle Windows O
- WebDriver Timeout
- WebDriver Waits
- Dynamic Objects and Multiple Objects Handling



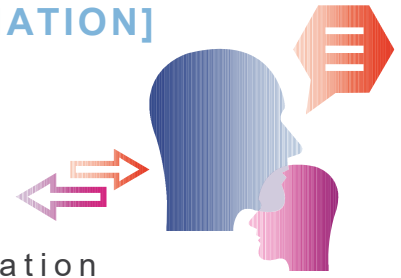
## MODULE-2 [INTERMIDIDATE – WEB TEST AUTOMATION]

- What is JUnit Vs TestNG Framework
- TestNG XML Features and Components
- TestNG Annotations
- Automation Test Script Implantation using TestNG
- Test Execution using TestNG
- TestNG Reporting and Logging
- Introduction to Page Object Model (POM)
- Page Object Model (POM) Vs Page Factory
- Implantation using Page Object Model (POM) With Page Factory



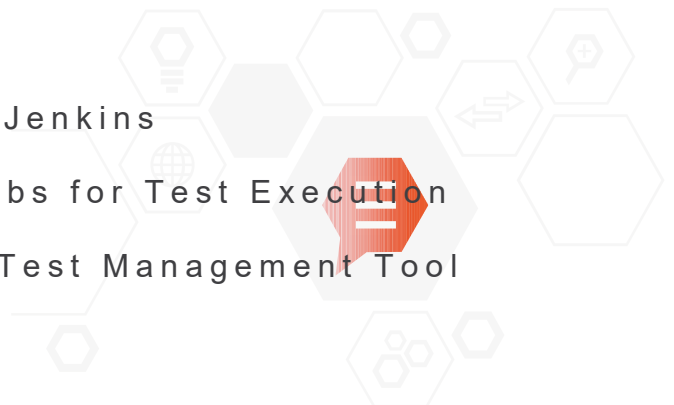
## MODULE-3 [ADVANCE – WEB TEST AUTOMATION]

- Types of Automation Frameworks
- Introduction of Maven Project
- Setup of Maven Project for Test Automation Framework
- Automation Framework Components
- Automation Framework Structure
- Understanding of Apache POI library
- Automation Framework Implementation



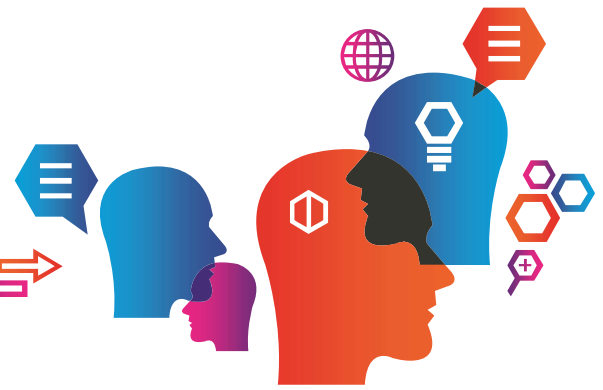
## MODULE-4 [TESTX ADVANCE – TEST FRAMEWORK]

- Advanced Test Reporting using Extent Reports
- Advanced Test Logging using Log4J
- Introduction of Selenium Hub and Node
- What is DesiredCapabilities and its Configurations
- Advanced TestNG XML configurations for Distributed Parallel Test Execution
- Introduction of CI/CD
- CI/CD Tools : AzureDevOps, Jenkins
- Implementation of Jenkins Jobs for Test Execution
- Test Result Integration with Test Management Tool



# WHY

YOU SHOULD TAKE THIS SOFTWARE TESTING COURSE?



## Comprehensive Curriculum

Covering a range of topics, including manual testing, test management, automated testing, mobile testing, performance testing, api testing and security testing



## Expert Instructors

Led by experienced and knowledgeable instructors who are experts in the software testing field.



## Real-World Applications

Incorporating real-world examples and case studies to demonstrate the practical application of software testing techniques.



## Industry Recognized Certifications

Providing recognized certifications upon completion of the course, demonstrating skills and knowledge in software testing.



## Hands-On Experience

Offering practical, hands-on experience with software testing tools and techniques through labs, projects, and case studies.



## Interactive Learning Environment

Encouraging participation and engagement through interactive discussions, group activities, and Q&A sessions.



## Flexible Learning Options

Offering flexible learning options, such as online or in-person classes, full-time or part-time schedules, to accommodate different learning styles and schedules.

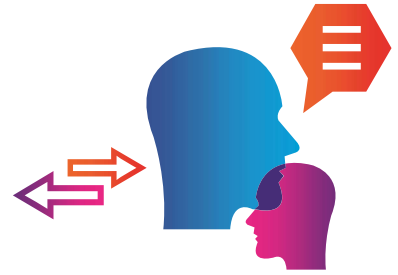


## Career Support

Providing career support, including job placement assistance, resume and interview preparation, and access to a professional network.



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# CONNECT US

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