AUTOMATION software testing batch

About training

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-Start date 1/12/2024

 -Durations : 5 weeks

-Sessions : 9 sessions (Fridays & Saturdays) around 40 hr

-Time : 1:00pm to 5:00pm

-Cost :2500 LE instead of ~~3000 LE~~

-Trainer : Eng / Mostfa Mohamed

-place : [Hadaea Maadi](#)

About our Trainer

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Eng /Mostfa Mohamed

[linkedIN profile Link](#)

- ◆ **Experience:**

✨ Extend | The Ad Network | Mid-level QC (Aug 2023 - Present)
Actively participated in test planning, ensuring alignment with project requirements and design specifications.
Conducted comprehensive reviews of test cases and implemented API automation using RestAssured.
Demonstrated expertise in writing manual test cases and performed regression testing on mobile and web platforms.

✨ Maxab | Mid-level QC (April 2023 - Aug 2023)
Built comprehensive test cases for performance testing using JMeter and automated API testing using Springboot and Cucumber.
Provided guidance to junior team members and conducted thorough database testing.

✨ Robusta Studio | Mid-level QA (May 2022 - April 2023)
Created test scripts using JMeter and performed comprehensive manual and API testing.
Collaborated with cross-functional teams to analyze test results and propose optimization strategies.

✨ Shary | Quality Assurance Engineer (May 2021 - May 2022)

Conducted rigorous manual testing on Flutter mobile projects and web applications.
Developed and maintained automated tests for mobile applications using Appium.

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- ◆ **Education:**

🎓 Intensive code camp diploma, Software testing | Information Technology Institute (ITI) Dec 2021

Completed ISTQB-CTFL and ISTQB-Agile Tester certification courses.
Proficient in manual testing, test case writing, bug reporting, API testing, database management, and automation testing using Selenium and Cucumber.

- ◆ **Certifications:**

📜 ISTQB-Agile Tester | ISTQB® - International Software Testing Qualifications Board 2022
📜 ISTQB-CTFL | ISTQB® - International Software Testing Qualifications Board 2021

🎓 AMIT learning | Software Testing Instructor (Nov 2022 - Present)

Currently teaching software testing.

Content Calendar
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Session 1: Introduction to Java Programming and IntelliJ

1-Introduction to Java and its role in automation testing

2-Setting up Java Development Environment with IntelliJ

3-Git commands

4-Classes, objects, and methods in Java

5-Basic syntax, data types, variables, and operators in Java

6-Loops and Condition

7-Creating and running Java programs in IntelliJ

8-Problem solving

Session 2: Object-Oriented Programming (OOP) Principles
1-Understanding the fundamentals of OOP
2-Encapsulation, inheritance, and polymorphism

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Session 3: First Automation Script using Main Method

1-Simple Project overview
2-Maven Project Introduction
3-Overview of Selenium WebDriver and its features
4-Setting up WebDriver in a Java project using IntelliJ
5-Building automation Script

Session 4: Web Element Locators

1-Web Element Locators types
2-Locating web elements from DOM

Session 5: Selenium Web Commands Part 1

1-Interacting with web elements (e.g., clicking, typing) sel web commands
2-Handling different types of web elements (e.g., dropdowns, checkboxes)
3-Navigating through web pages and frames sel web commands

Session 5: Selenium Web Commands Part 2

1-Handling pop-ups and alerts with WebDriver
2-Wait methods

Session 6: TestNG Framework for Test Automation

1-Introduction to TestNG framework and its benefits
2-Setting up TestNG in IntelliJ
3-Writing and executing test cases using TestNG annotations
4-TestNG assertions for verifying expected outcomes

Session 7: Automation Assessment
-Automation Challenge

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Session 8: Test Design Patterns and Best Practices

1-Design patterns in automation testing (e.g., Page Object Model)
2-Best practices for creating maintainable and reusable test scripts
3-Test data management and strategies for data-driven testing

Session 9: Graduation Project

1-Advanced topics in automation testing (e.g., handling dynamic web elements)
2-Integrating automation with Continuous Integration (CI) tools (e.g., gitHub)
3-Overview of API testing with RestAssured
4-Q&A session and final project presentation (if applicable)