Mindluster Platform

# About the course Karate UI automation

Karate UI automation, in this course is designed to teach you how to leverage the power of Karate Framework for automating UI testing. Karate is an open-source tool that simplifies the process of testing web applications and APIs, making it ideal for both beginners and experienced testers. In this course, you'll learn to write UI automation scripts using Karate's intuitive Gherkin syntax, interact with web elements, and validate application functionality seamlessly. The curriculum covers essential topics such as setting up the Karate environment, creating feature files, handling dynamic web elements, integrating with CI/CD pipelines, and debugging scripts effectively. Through hands-on exercises and real-world examples, you'll gain the skills to perform end-to-end testing, ensuring the reliability and performance of web applications. By the end of this course, you'll be equipped to automate complex UI workflows confidently and streamline your testing processes, making you a valuable asset to any QA team.

**Computer Science Category's Courses**

# Course Lesson(23)

Lesson 1 : **Karate UI Automation Tutorial 1 Introduction to Karate Tool Setup**

Lesson 2 : **Selenium WebDriver Tutorial 3 How to install Java on Windows OS**

Lesson 3 : **Selenium WebDriver Tutorial 7 Maven Introduction and Installation**

Lesson 4 : **Selenium WebDriver Tutorial 4 How to install Eclipse IDE on Windows**

Lesson 5 : **Karate UI Automation Tutorial 2 Automate your First Test Script**

Lesson 6 : **Karate UI Automation Tutorial 3 Run Test Script on Different Browsers**

Lesson 7 : **Karate UI Automation Tutorial 4 Browser Functions driver url driver dimensions**

Lesson 8 : **Karate UI Automation Tutorial 5 Browser Functions Forward Back Reload Refresh**

Lesson 9 :
**Karate UI Automation Tutorial 6 How to Maximize Minimize Fullscreen and Quit Browser**

Lesson 10 : **Karate UI Automation Tutorial 7 Webelement Functions in Karate**

Lesson 11 : **Karate UI Automation Tutorial 8 how to select Dropdown in Karate**

Lesson 12 : **Karate UI Automation Tutorial 9 How to Switch Browser Tab in Karate**

Lesson 13 : **Karate UI Automation Tutorial 10 How to Switch Frame in Karate**

Lesson 14 : **Karate UI Automation Tutorial 11 How to Handle Alert Popup in Karate**

Lesson 15 : **Karate UI Automation Tutorial 12 How to Get Page Title in Karate UI**

Lesson 16 : **Karate UI Automation Tutorial 13 How to Take Screenshots in Karate**

Lesson 17 : **Karate UI Automation Tutorial 14 Create Paginated PDF Document**

Lesson 18 : **Karate UI Automation Tutorial 15 How to Scroll Page in Karate**

Lesson 19 : **Karate UI Automation Tutorial 16 How to Highlight Element on Webpage**

Lesson 20 : **Karate UI Automation Tutorial 17 How to Handle Mouse Actions**

Lesson 21 : **Karate UI Automation Tutorial 18 How to Get Text in Karate**

Lesson 22 : **Karate UI Automation Tutorial 19 How to Get HTML Value Attribute**

Lesson 23 : **Karate UI Automation Tutorial 20 How to Get WebElement Attribute**

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