Course : Appium, automate mobile application testing

Practical course - 2d - 14h00 - Ref. AAM
Price : 1720 CHF E.T.

★★★★⯪ 4,4 / 5

Appium est un outil Open Source permettant d'automatiser des applications natives, Web mobiles et hybrides sur des plateformes iOS mobiles, Android mobiles et Windows. A l'issue de la formation, l'apprenant sera capable d'automatiser les tests sur un environnement mobile avec la solution Open Source Appium.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understand the scope, benefits and risks of automation in a mobile environment
- ✓ Understand Appium's architecture and how it works
- ✓ Configuring Appium in different environments
- ✓ Know the options for creating test cases, making tests perform better and then replaying them
- ✓ Improving test scripts
- ✓ Automate testing in a mobile environment (end-to-end). Design, execute and maintain the tests designed

Intended audience

Testers, test analysts and developers who want to learn how to automate mobile application testing...

Prerequisites

Fundamental knowledge of testing processes and basic Web programming skills.

Course schedule

① Introduction

- Why automate mobile testing?
- Benefits and limits of mobile automation.
- Choose which tests to automate.

PARTICIPANTS
Testers, test analysts and developers who want to learn how to automate mobile application testing...

PREREQUISITES
Fundamental knowledge of testing processes and basic Web programming skills.

TRAINER QUALIFICATIONS
The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS
The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

② Appium basics

- Supported platforms (versions, programming languages, OS, etc.).
- How Appium works (features and components).
- Appium command line (Shell).

Hands-on work
Set up and configure a test environment with Appium.

③ Appium in operational mode

- Appium client and server.
- Configuration with IDE and Katalon Studio.
- Manual scripts.
- Custom log files.
- Test reports.

Hands-on work
Manual scripting and test report generation.

④ Improved scripts

- Methods "WebElement" / "Native Element".
- Creation of the target object map.
- Modularization test.

Hands-on work
Improve scripts already created.

⑤ The automation procedure

- Deploy target application on emulator/terminal.
- Configuring Appium services.
- Creating automation on a prototype emulator/terminal.

Hands-on work
On the basis of different test scenarios, design and run test scripts with Appium and analyze the results.

Dates and locations

REMOTE CLASS
2026 : 15 June, 28 Sep., 7 Dec.