DevOpsSchool

Course curriculum · November 2026

APPIUM · TRAINING PROGRAM

Mobile Testing (Android/IOS) Using Appium Course

A practical, hands-on Mobile Testing (Android/IOS) Using Appium Course curriculum: 50 topics over 3 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	50 topics over 3 days
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/appium/mobile-testing-android-ios-appium.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether Mobile Testing (Android/IOS) Using Appium Course matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 50 TOPICS OVER 3 DAYS

Day 1

20 topics · Introduction to Appium and Course Plan

Day 2

14 topics · In Depth understanding of Android Native Apps automation with Appium

Day 3

16 topics · Real time Ecommerce App- End to end Practise Exercises

AGENDA · 50 TOPICS OVER 3 DAYS

Mobile Testing (Android/IOS) Using Appium Course agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

20 topics

1. Introduction to Appium and Course Plan
2. Appium Features
3. Appium Internal Architecture
4. Appium Installation Instructions for Windows & Mac
5. Important Note on Player settings
6. Download Java, Android Studio & Node softwares in WINDOWS
7. Set Environment variable Paths of all Soft
8. Configure Android Virtual Device/Emulator and Install Appium Server
9. Setting up Appium Maven project with Java client dependencies
10. Caution on Compatible testnG Java version along with Plugin Install
11. Important Note
12. Brush up java Concepts for Appium Automation
13. Getting Started with Mobile testing using Appium Code
14. What is UIAutomator and creating UiAutomator object to define Capabilities
15. Create Android Driver and set Desired capabilities through UiAutomator object
16. How to start & Stop Appium Server Programmatically using AppiumServiceBuilder
17. Introduction to Appium Inspector to identify the elements on the Apps
18. Creating Base Class with Util methods and extend it to Child Appium Tests
19. Appium Server not starting programmatically - FIX WORKAROUND
20. Android Home Not Set error - MAC - Troubleshoot - FIX WORK AROUND

DAY 2

14 topics

21. In Depth understanding of Android Native Apps automation with Appium
22. Introduction to Id, Xpath & Accessibility ID locators in App with an example
23. How to handle Mobile popups & return list of matching elements on Android app
24. How to extract the text & Enter the info on Mobile Apps with Appium
25. Advanced Gestures Automation with Key Events Handling using Appium
26. Introduction to Appium Mobile Gestures and how it works
27. How to long press on Android Apps using Appium - LongPressGesture
28. How to Perform Scroll Gesture using Appium on Android Apps
29. How to automate Swipe functionality using Appium on Android
30. Appium Miscellaneous Topics for Android Automation
31. How to Perform Drag & Drop on elements in app using Appium
32. Assignment - End to end exercise on Appium
33. Automate Miscellaneous Activities like orientation & KeyEvents using Appium

34. How to open App using app package and activity name using appium

DAY 3 16 topics

35. Real time Ecommerce App- End to end Practise Exercises
36. Introduction to App features and test cases to automate
37. Test Case in Filling the form details for shopping
38. Verifying toast messages for error validations
39. Testcase-Scrolling in product list example with Appium Android scroll
40. Testcase-Dynamically selecting Product by scanning list based on text
41. Be a Mentor or Get Guidance from QA Community
42. TestCase- Validating Total amount generated functionality
43. Code optimization with user defined functions
44. Hybrid App Automation with Appium to switch from Apps to Web browser
45. Testcase - Validating Mobile Gestures of App (Tap, Long Press)
46. How to handle objects when rendered in Web view?
47. TestCase -Automate Hybrid App with context Switch using Chrome Driver
48. Mobile Chrome Browsers Automation with Appium - Real time example
49. Desired capabilities to run Appium tests on Mobile browser
50. How to Scroll and put assertions on Browser Tests with Appium

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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WHATSAPP · INDIA
+91 99057 40781

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EMAIL
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