Ashish Kharche

QA Engineer (mobile and web) | Test automation · Maestro · XCUITest · CI

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Summary

QA and test automation engineer for mobile and web: QA experience on the Grok iOS and web apps, writing on mobile UI testing for the Maestro blog, and four years as a developer at Paythru on payment apps, where failure-path testing mattered. Writes automated UI suites, runs them in CI and gives release sign-off.

Skills

Test automation: Maestro (Cloud, Studio), Appium, XCTest, XCUITest, JUnit, snapshot testing, Vitest, Jest
Testing approach: regression and release testing, end-to-end, API mocking (WireMock), failure-path and event-ordering tests, changelog checks
Platforms: iOS, Android, web; React Native and Expo, Flutter
CI/CD: Maestro Cloud, GitHub Actions, Bitrise, fastlane, TestFlight, Google Play
Tools: Linear, Firebase Crashlytics, PostHog feature flags
Development: Kotlin, Jetpack Compose, Swift, SwiftUI, TypeScript

Experience

SpaceX Super Intelligence (SpaceXSI), formerly xAI · Part-time · Jan 2026 to Oct 2026
Quality Assurance Engineer

- Carried out regression and release testing on more than 500 builds of the Grok iOS and web apps across chat, Imagine, Build and MCP, including payments, subscriptions and sign-in flows.
- Checked changelogs against each build and gave release sign-off.
- Logged reproducible bugs in Linear and worked them through with engineers until each build was ready for release.

Paythru Limited, London · Mar 2024 to Oct 2026
Senior Mobile Engineer
EV charging and payments · iOS and Android apps, then AWS platform work · product and engineering team of 10

- Worked on Paythru's new TypeScript payments platform on AWS (2026), designed for 10,000 terminals.
- Wrote payment tests that fail on old code and pass on new, covering timeouts, 5xx errors, retries, a database stopping mid-operation, and duplicate, late or out-of-order webhooks, checking that nothing is captured or refunded twice.
- Rebuilt the Bitrise CI/CD pipeline so any commit could be released to the stores, cutting the release cycle from a few weeks to a few days.

- Built EV charging features in Kotlin and Jetpack Compose and integrated Adyen in-app and terminal payments.

Paythru Limited, London · Oct 2022 to Feb 2024
Mobile Engineer
- Tested six white-label apps with about 100,000 sessions on Android with Maestro UI flows, snapshot tests and JUnit.

Maestro (maestro.dev), mobile UI testing framework · Mar 2023 to Sep 2024
Developer (contract, alongside Paythru)
- Wrote about 10 iOS and Android test suites covering four core features for Maestro Cloud and Studio, with CI on Maestro Cloud, GitHub Actions and Bitrise, plus product guides and starter sample repos.
- Wrote 14 posts for the Maestro blog (maestro.dev/blog): cross-platform suites with runFlow, runScript and external parameters; API mocking with WireMock; React Native, Expo and Flutter; testing Firefox Focus for iOS.

Independent projects

Workout Director (published on the App Store by Shelgaon Ltd) · Live since Oct 2026
- A mobile workout app that counts reps and coaches by voice. Tiered release testing: a sanity check of three minutes at most plus targeted tests on each build, and a longer run of about ten minutes before each App Store release; feature-flag kill switches to roll back without a new build.

Kalo (published on the App Store by Shelgaon Ltd) · On the App Store
- A mobile nutrition app that tracks calories and macros; XCTest, XCUITest and on-device end-to-end tests; cleared App Review's health-citation rules (guideline 1.4.1) for the 1 Oct 2026 release.

Education

MSc Software Engineering, Kingston University, London · Sep 2021 to Sep 2022
Bachelor of Engineering, Computer Science, Government College of Engineering Aurangabad · 2016 to 2020

Certifications

AWS Certified Solutions Architect – Associate (expired Feb 2025)
AWS Certified Cloud Practitioner (expired Feb 2025)