

SARANG RAKHECHA

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SUMMARY

Software Quality Automation Engineer with 8+ years across consumer and enterprise software spanning manual QA, automation, and CI/CD. Top bug filer on an Apple QE team with its broadest test coverage; built internal tools, since adopted by multiple Apple teams, that close recurring workflow gaps. Extending into Swift and AI-assisted development, targeting an automation-focused QE role with end-to-end ownership of quality strategy.

EXPERIENCE

Software Quality Automation Engineer

Sept 2025 – Present

Apple - Release Quality, Phone & FaceTime

- **High-impact bug discovery:** Ranked **117 of 6,573 SWE bug filers (top ~1.8%)**; filed 84 P1/P2 bugs (40 P1, 44 P2) with 15 driving software changes; ~4.7x team average on volume, 3.75x on confirmed-change bugs.
- **Spotted gaps and built internal engineering tools now adopted by teams across three Apple sites:**
 - **PR Ticker:** macOS menu bar dashboard for team PRs with reviewer nudges, build pass/fail, new-PR alerts, and PR health-score stats (**750+ unit tests**; AI code-quality workflow via Claude Code).
 - **Slack-based test accountability bot:** automates release tracking and flags tests marked N/A without a linked bug report, closing a vendor test-accountability gap.
 - **Mac Auto-Flash utility:** automates macOS build installation on test Macs, replacing a manual update cycle so release testing starts immediately.
- **Automation engineering:** Author and merge production automation in the team's primary repo; built a Contacts stress-test that surfaced a complex performance escape, demoed at skip-level; now contributing to the Phone & FaceTime repo.
- **Quality outcomes:** macOS Phone app (primary pre-release focus) **held escapes at zero or near-zero** across the trailing 3–4 months of reviews; execution quality publicly recognized by a senior reviewer in a leadership-attended meeting.
- **Feature ownership:** Deep-dived Live Voicemail and Hold Assist internals, including the daemons they interact with; audited past escapes against the existing test suite and added tests to close the coverage gaps.
- **Cross-org visibility:** Delivered **7+ demos to leadership** on productivity tools, automation work, and test planning; only team member to present a defect investigation and full test plan to a product QE team at Apple Park.
- **Coverage & throughput:** Completed 290 structured test cases in ~3 days (**~115 manual executions/day vs. team average ~90**); broadest platform coverage on the team, including sole active Vision Pro testing.
- **Release ownership:** Drive vendor submissions end-to-end: bug reports linked, blockers resolved and confirmed, quality bugs filed, on-time submission; designed a bug-report quality workflow that cut rework across vendors, screeners, and QE.

Software Test Engineer 2

June 2021 – Aug 2025

Qualtrics - Core Product Team

- Owned two Python Selenium suites (75+ tests, **98% pass rate**) for [Appframework](#), [AppSDK](#), & [Developer Portal](#); contributed to a 550+ end-to-end test repo (Page Object Model, Jenkins, TestRail, GitLab).
- Reduced beta-to-production release time by **85%+** via a pioneering CI/CD effort; first within the team, among the earliest company-wide; presented to 200+ engineers.
- Delivered 45+ customer-facing features across design review, test planning, manual testing, and automation.
- Stepped into a developer role, writing TypeScript integration tests for a new product line and training QEs for adoption; independently mastered accessibility testing and championed it team-wide.
- Migrated full test repo from JavaScript to Python (**40% efficiency gain**); led data-center migration testing that **saved millions**.

Software Engineer in Test

Sept 2018 – May 2021

NetApp - Trident Team

- [Trident](#) is NetApp's open-source storage orchestrator for Kubernetes; built and maintained a Python Unittest2 framework (500+ tests) covering its volume-management workflows.
- Sole owner of defect triage for the CI Defense System, separating product defects from test-infrastructure issues and routing each to the owning engineer.

Software QA Engineer

April 2018 – Sept 2018

ADP - Wage Payments Team

- Functional, integration, and smoke testing of the [Wisely](#) app in Java with an internal Selenium-style tool.

SKILLS

Platforms iOS • macOS • tvOS • iPadOS • HomePod • visionOS

Languages Python • Swift • JavaScript/TypeScript • Java

Automation Selenium • GitHub Actions • Jenkins • Spinnaker

Infrastructure Docker • Kubernetes

Tools Splunk • Postman • JAWS (accessibility testing) • Claude Code

EDUCATION & CERTIFICATIONS

- MS, Computer Science - SUNY Binghamton | BE, Information Technology - University of Pune