

## SAI KRISHNA ADUSUMALLI

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### Professional Summary

- 3+ years of experience in QA testing for Android devices and web applications, with a strong focus on Android certification, compliance, and system-level validation.
- Hands-on expertise with Android test suites including CTS, GSI, GTS, STS, and VTS to ensure Google compliance.
- Strong hands-on experience in manual testing, including test case design, execution, defect reporting, regression testing, and exploratory testing across web and Android platforms, ensuring high-quality deliverables aligned with SDLC and STLC.
- Proficient in stability testing including Apstress, Reboot, Suspend/Resume, and Monkey testing on Linux Android (LA) platforms.
- Experienced in calculating key reliability metrics such as MTBF, ANR rates, tombstone counts, and watchdog bite analysis.
- Expert in manual and automated testing, GUI validation, Stability, and functional testing.
- Strong in log analysis and debugging using ADB logcat and bug report tools.
- Managed and maintained Google Android Test Station (ATS) environments for reliable test execution.
- Experienced in testing multimedia modules such as audio, video playback/recording, streaming, and codec validation to ensure stability, performance, and compliance across Android platforms.
- Experienced in testing camera modules including image capture, preview, video recording, and feature validation (HDR, portrait, night mode) across various Android devices
- Coordinated with development teams for root cause analysis and issue resolution
- Led a team of 6 QA engineers, delivering 40+ Android certification projects/month for major OEMs like OnePlus and Oppo.
- Knowledgeable in certification processes using tools such as CI.android.com, CS.android.com, APA, BTS, and Partner Ticket systems.
- Extensive experience with Qualcomm and MediaTek chipset tools used include QXDM, QPST, Oplus Dev.
- Well-versed in defect management and agile workflows using JIRA and ALM.
- Hands-on experience with Gtest, Noah, and API testing; solid understanding of SDLC, STLC, and QA best practices.
- Effective communicator skilled in using Google Workspace tools for documentation, collaboration, and reporting.
- Experience in Functional, Telephony, and Stress Test Methodology.
- Designed Test Cases and Automation scripts based on Business Requirements and Technical Specifications.

## Technical Skills

Operating Systems	:	Windows, Linux, Android, iOS.
Google Tools	:	APA, AFAP, CI.android.com, CS.android.com, Partner ticket, BTS, Google Drive, Google Chat
Qualcomm & MediaTek Tools	:	QXDM, QPST, MSM Download, Whole Machine.
Test & Management Tools	:	ALM, Oplus Dev, Gtest, Noah, JIRA.
Testing Areas	:	CTS, Android System Testing, Multimedia, Camera, Manual Testing

## Professional Experience

**Marquis Technologies** (Client: Oppo & OnePlus Pvt. Ltd), Hyderabad

July 2025- present

**Experis IT (Client: Oppo & OnePlus Pvt. Ltd), Hyderabad**

March 2022 – July 2025

**Role:** Test Engineer

### **Project 1: Google Mobile Services (GMS) xTS Certification, RSA Compliance, PDT, OS Upgrade & CVE Management**

- Spearheaded GMS certification for 40+ Android devices across Qualcomm and MediaTek platforms.
- Managed end-to-end certification process ensuring CDD compliance and timely device readiness for market.
- Supervised and mentored a team of 6 engineers, assigned tasks, tracked progress, and optimized performance.
- Implemented Verified Boot, SELinux, and Play Integrity API for improved security and compliance.
- Coordinated RSA validation aligning device configurations with Google business model requirements.
- Led Variant Build Approval (VBA) processes ensuring compliance and launch readiness of chipset variants.
- Collaborated with Google teams (APA, AFEE, GMS) on policy updates and certification requirements.
- Conducted Post-Deployment Testing (PDT) during OS upgrades to resolve compatibility issues.
- Monitored CVEs, prioritized patches, and validated fixes in collaboration with development teams.
- Developed custom validation tools to detect compliance issues earlier and reduce certification delays.

- Utilized logcat, dmesg, ADB logs for debugging and issue resolution ensuring fast turnaround.
- Coordinated with cross-functional teams across India, EEA, Taiwan, and Russia for compliance alignment.
- Managed fingerprint certification for chipset variants ensuring seamless launch readiness.
- Provided real-time dashboards and detailed reports for decision-making and stakeholder updates.

## **Project 2: System Verification and Validation (PDT), OS Upgrade, and CVE Management**

- Executed OTA software upgrade testing including Full OTA, Incremental OTA, and Virtual OTA.
- Monitored and reported defects using ALM and participated in defect triage meetings.
- Performed GUI validation and Android system feature testing across multiple devices.
- Analyzed logs using QXDM, QPST, and ADB to diagnose and validate software behavior.
- Tested core features include calls, multimedia, sensors, camera, Bluetooth, and GPS.
- Logged and analyzed failures, documented defects with detailed replication steps.
- Collaborated daily with R&D managers for project tracking and issue resolution.
- Improved test process workflows reducing manual effort and increasing efficiency.
- Handled engineering builds and performed root cause analysis of major failures.
- Supported global QA teams to maintain test continuity across time zones.
- Actively participated in scrum meetings, shared updates, and discussed blockers.

## **Achievements & Recognition**

- Received Bug STAR @Oplus Award for seamless deliveries.
- Received Oplus-Team Award of the Quarter (Jan–Mar 2023).
- Appreciated by Delivery Managers for exceptional deliverables across multiple sites.

## **Declaration**

I consider myself adaptable to new concepts with ease and confident in my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Hyderabad

Signature: Sai Krishna Adusumalli