

AITHA SHRAVAN

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OBJECTIVE: -

A methodical professional in Software Quality Analysis with proven analytical, managerial, and problem-solving skills; aiming for challenging assignments in Software Testing/ Quality Assurance with an organization.

PROFILE SUMMARY: -

- Test Engineer with around 5 years of experience currently working with **Marquis Technologies**.
- Extensive experience in Testing Mobile chipsets, Prototypes, and Android Mobile Applications.
- Had good knowledge on LTE Architecture.
- Basic knowledge on Attach Procedure, Handovers, and Throughput Procedure.
- Experience in testing mobile chipsets with GSM/WCDMA/LTE/VoLTE with different Network carriers and VoIP.
- Have Good experience in Flashing devices using ADB commands and SP flash tool.
- Had good analytical skills.
- Expertise in Reviewing, and Execution of Test Cases for both Automation and Manual Testing.
- Good Knowledge on Automation Testing tools (Smart Test).
- Good Knowledge on QXDM, QPST, and Dumper.
- Worked on IOT devices with respective tools.
- Good Knowledge on Flashing Tools for major platforms.
- Expert in Excel, and PowerPoint.
- Expertise in Error verification testing, Sanity, and Stress testing which involves reporting and updating the results.
- Quick learner and excellent Team player, ability to meet tight deadlines and work under pressure and be productive with new technologies.

TECHNICAL SKILLS: -

Log capturing methods	QXDM, Modem Logs, Debug Logger
Automation Tools	Smart Test, FTS (Qualcomm Test Suite)
Performance Tools	QXDM, MSM Tool, QPST, Dumper Tool, QFIL, QCAT, PCAT, EPAT, And FTP, KPI Tool.
Technologies	GSM/WCDMA/CSFB/LTE/VoLTE/VoWiFi
Other Tools	TEMS, GENEX Probe, AZQ, Google Earth
Bug Tracking Tools	JIRA , File Zilla ,RTC

WORK EXPERIENCE: -

Project 1:

Project Name: Qualcomm Chipset performance Testing

Working Location: Hyderabad

Environment: Android

Clients: Qualcomm

Line of Business: Telecom

Project Description: Performed stability testing on Chipsets under different RF conditions. This project involves providing testing to devices developed by Qualcomm India Private Ltd. Qualcomm Product Support Tools (QPST) tool is used to detect bugs (crashes) found during the stability testing. Another tool called QUALCOMM extensible Diagnostic Monitor (QXDM) has been used in this project. This tool provides a real-time data collection and diagnostic logging tool for measuring mobile-based RF performance

Key Results:

- Testing scenarios included MO/MT voice calls, SMS, MMS, PS/CS calls, VoLTE, IMS, BT, Tethering, Multi-party calls.
- Making a specified report for the executed test cases in all the areas and followed by reporting to the client.
- Time to Time Tracking the Bugs and Interaction with the RD team for Bug related queries. Mobile Phone Field testing – involving testing of different devices in different locations to verify the behavior of the device in poor, high, and OOS coverage areas.

Project Handled 2: Performance & Functionality Test Engineer.

Environment: Android

Period **Now working on This Project**

Clients: **Qualcomm**

Line of Business: Telecom

Tools: QXDM, KPI-ATS, QMI Test pro & PCAT

Assigned Designation: Test engineer

Project Description: **Execution of Functional and Performance KPI on Live Network.**

Key Result Areas:

- Execute & Perform Test Plan and test cases as per the requirement of Client (**QUALCOMM**) exactly with respect to Perfect RF conditions (Near-Cell, Cell- Edge, IRAT location) with **QXDM** Logs.
- Performing Test Cases for Calculating **Throughput** (Manually& Embedded) based on the EARFCN and Bandwidth.
- Finding the Locations with QXDM logs to execute the Carrier Aggregation (CA) related Test Cases provided by the available networks with perfect RF conditions (CA+ Near Cell & CA+ Cell Edge).
- Especially for the newer version of **Android (Orion)** performing **L+L, IMS & KPI-SS and KPI-DSDS** related test Cases and “Throughput” Calculations
- Checking the Audio Quality Related Issues on both MO & MT sides for the Prototype Devices with perfect Logs on both MO & MT Sides starting at a time.
- Testing on the Volte (On-Net & Off-Net), VT & VO Wi-Fi initiated calls through IMS service by LTE provided by the Network with QXDM Logs.
- Finding the Functionality Issues for the Prototype & Commercial devices with comparing with Reference devices.

EDUCATION QUALIFICATION: -

- Completed Master of Computer Application from O.U, Telangana.
- Completed Bachelor of Degree From O.U, A.P
- Completed Board of Intermediate Education from, A.P.
- Completed High School in SSC, A.P.

Personal Information: -

- Name : Aitha Shravan
- Date of Birth : 1st OCT,1987.
- Languages : English, Hindi & Telugu.

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned.

DATE:**SHRAVAN.A**