

Roushan Kumar Tiwari

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Objective

I would like a career that utilizes my expertise in testing and resolving functional faults in the system and contributing towards the growth of the organization.

Key skills

pre-lunch device testing, chipset test, Log Analysis, Reporting, JIRA, Client server, BUG tracking, QXDM, QCAT, ELT, Logel, RF engineer, device Flashing, manual Testing and Automation Testing(Python), Proto Type Device Testing, Documentation, Teamwork, UE Testing.

Profile Summary:

- Total 6 Years of experience in LTE UE testing and & telecom communication.
- Analytical and astute Telecom RF and TI with 4 years career experience.
- knowledgeable in systems integration managed network services data network technology.
- Working knowledge on Run the test cases Relevant to 3GPP Specifications and capturing on device logs/QXDM logs.
- Test execution, Bug reporting & Test report preparation, Data management.
- Hands on good experience in UE Sanity, Functionality and Regression Testing.
- Knowledge About UE Log Analysis.
- Verifying LTE Call flows And IMS Call Flow.
- Basic Knowledge About LTE Protocol Layers
- Performed DL Throughput testing.
- Understanding of LTE Core Network Elements like MME, HSS, PCRF, SGW, PGW etc.
- Possess expertise in Telecommunications specializing in LTE Network Engineer, RF Cellular Network Rollout for Project and Installation, Commissioning, and integration.
- Handled over 3500 sites & products such as ZTE BTS, Nokia BTS, Samsung BTS
- Complete conceptual Knowledge in Installation and Commissioning, ZTE, Nokia, Samsung.

Current Organization and Experience

Company Name : Marquis Tech (P) Ltd.

Project Name : UE testing (Motorola, Nokia, Samsung, Lenovo, HMD, wikko)

Tools : QXDM, QPST, QCAT, PCAT, MAT Automation tools, ELT, JIRA and ADB

Technology : 5G NR, LTE, VoLTE, VILTE, IMS, VoWi-Fi etc.

Designation : Test Engineer

Duration : 19 Jun 2022 to Till Now

Description:

The aim of the project is to test the mobile & chipset which is required for tested before implementation on field at End customer which also involves End to End feature testing, Integration testing. Testing experience in GSM, LTE, VoLTE, VoWi-Fi technologies. Executed KPI testing as well as sanity, functional & performance testing in live network. Manage database as per requirement and update database according to assignment.

- Flashing of pre launched devices with proper software build using MSM & Research download tool for testing purpose.
- Customer Portal handles JIRA, E-dart, Lenovo server.
- To Mentioned each & every Data on client and own Server.

- Manual Testing and Automation (MATT tools), test case execution for various scenarios on different network conditions in live network.
- Preparing bug and automation reports and coordinating with client for debugging and retests of raised issues throughout the Bug Life Cycle.
- Performing the Functionality, system. Feature, Performance, stress, and field mobility testing in depth with the intention of finding bugs.
- Execution of Tests – Manually or using Automation Scripts
- Responsible for daily load and Test case Planning & Test status reporting.
- Testing different handset (Smartphones) in LTE/IMS/GSM networks for the features supported by the operator & handsets.
- Testing of different chipset devices & Debugging logs using required tools such as QXDM, QCAT, and Wireshark & report it to required team.
- Worked on basic throughput sanity testing, Functional & Regression testing.
- Test case preparation, test case execution & validation as per 3GPP spec under different network conditions.
- Log capturing through different tools like QXDM (UE logs) as well as on device logs for further analysis.
- Automation & manual testing (Sanity & Functional, performance & regression) test cases.
- Customer interaction to resolve critical issues.
- To Give Input to development team for Implementing the various features of Project during Design Phase.
- To Design Test analysis and Design Sheet (TAD) to derive test case.
- Report bugs related to testing and after completing testing we analysis logs.
- Customer Portal handle like JIRA, MOTO
- Extensive experience on Testing Mobile chipsets (Qualcomm, MTK, Unisoc), Prototypes, Device Testing, Android, and mobile application.
- Worked on Mobile chipsets based on Android and windows operating systems.
- Expertise in Developing, Review and Execution of Test Cases.
- Log capturing and analyzing tools QXDM, QPST and QCAT, ELT, Logel.
- Flashing Tools and Tracing tools for major platforms.

Nokia Patna (Sept 2020-Jan 2022)

Client : Airtel
 Company Name : Uni-Info Telecom Pvt. Ltd.
 Project Name : Bharti Airtel
 Designation : RF Coordinator

ZTE Hyderabad (Apr 19-To Apr 20)

Client : VIL
 Company Name : Zephyr India Pvt. Ltd.
 Project Name : VIL Q1, Q4 and H2. (Best performer Award in H2 Phase)
 Designation : Cluster Lead

ZTE & Nokia ROWB, Punjab, Haryana (Mar 2016-Sept 2018)

Client : BSNL & Airtel
 Company Name : Steel Man Telecom Pvt. Ltd
 Project Name : ZTE & Nokia
 Designation : Field Engineer

Description:

- Knowledge of working principle for Volte, LTE, GSM & UMTS technology
- Basic Log Analysis of New integrated Sites
- Responsible for optimization and planning of new sites and under Complained sites.
- Coordinating with drive test engineer and customer to get information about site.
- LTE Network Launch & Cluster Optimization.
- Ensuring KPIs to be met RSRP, RSRP statistics, DL/UL throughput, Latency.

- Carry out basic parameter checks such as RSRP, SINR, and Throughput during the Test.
- Good interpersonal & communication skills and can manage resources on live projects.
- Maintaining complete document and preparing weekly report for future AT requirement.
- Monitoring & analyzing traffic trends of Circuit groups, Hardware troubleshooting.
- Supervise and provide technical support for Commissioning, Integration & Acceptance Testing of BSS Network elements like E-node B.
- Maintaining material requirement and stock for the project.
- Maintaining the opening and closing stock of material, project data.
- Responsible of All Site in Warangal Zone, Integration, traffic shifting, KPI and coordination's with Site engineers
- Installation and integration of ZTE SDR BTS 8800 and 8900.
- Installation and integration of Nokia FSMF & ZTE BTS.
- E1 patching, Loop Break test.
- Providing technical support to another team.
- Responsible of ATP with GTO and SDE

Tools

- QXDM
- QCAT, ELT, Wireshark
- Logel
- Map info Professional 8.5, 10.5
- Tera-13.1, 16.3.3, 17.2.4, 16.3.6
- WNG TOOL (ZTE)

ACADEMIC DETAILS

- B. Tech (Electronics and Communication Engineering) from Aryabhata knowledge university (VITM) with CGPA 7.39 - 2015 from Patna (Bihar).
- XII from LBT College Buxar (Bihar Board) with 50.00%-2010
- X from HS Murar Buxar (Bihar Board) with 61.66%-2008

PERSONAL DETAILS

Name : Roushan Kumar Tiwari
 Father's Name : Ravindra Nath Tiwari
 Date of Birth : 08-July-93
 Marital Status : Married
 Language Known : English, Hindi
 Nationality : Indian
 Address : H.No. 134, Thori Pandey Pur, Buxar, Bihar-802127
 Current Address: Noida Sector 70

DECLARATION

I hereby declare that I consider myself familiar with UE & network testing Aspects and the information furnished above is true to the best of my knowledge. I bear the responsibility for the correctness of the above-mentioned.

Date: FEB 2024
 Place: Noida

Roushan Kumar Tiwari