

Anupam Duvedi

anupamduvedi@gmail.com

+91-7417380154

+91-8700963021

CAREER OBJECTIVE

To obtain a challenging position, this would utilize my capabilities to the core and would allow me to build a great career in the IT industry. Also Integrating with Large domain of working team and to meet the challenging task. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability, and technical skills.

SUMMARY

8.5 years of experience in multiple testing domains and projects currently working in Airtel R&D lab Manesar in LTE/IoT/NB-IoT projects like Smart Energy Metering Projects, Smart Water & GAS Metering Projects, Smart Tracking System, Vehicle & Consignment Tracking projects and also involve in various field support and log analysis. I also in past work for ACME Apple testing devices including Mobile handsets in 5G, LTE and IMS domains. I have worked primarily with NR, LTE, VoWiFi, CA, IMS, and having knowledge of Network Protocols with sufficient exposure towards Telecom testing activities. Experienced in preparing and execution of test plans, finding issues and raising and tracking their updates.

PROFESSIONAL EXPERIENCE (Test Engineer / Exp. 8.5 Yrs.)

Saffo Solution Technology, | Test Engineer | August 2023 to till now.

- Expertise in Developing, Review and Execution of Test Cases. Performed Regression, Full Scope Test & Sanity Tests on NB-IoT/IoT/LTE devices.
- Reporting Issues & defects, Reproducing Issues in live network, collecting the log to create Issues.
- Field Testing of various mobile handsets/IoT devices in Live Radio conditions.
- Log capturing on logging tools like QXDM, Coolwatcher, ARM tracer, Logel, CAT Studio, GENIE, ELT and on device logging for different Chipsets and modules also using various tools for log analysis Notepad++, Beyond compare, QCAT, 3GPP protocol decoder, Wireshark etc.
- Working knowledge of test case execution including Throughput, Handover, Reselections, RACH, HES communication, Load balancing, TCP socket connection etc.
- LAB Testing of various mobile handsets/IoT devices on network simulators ANRITSU, RNS, Keysight etc also perform Black box OSS testing, RAT switching in controlled live network environment.
- Raised defects in JIRA for any issue while execution. Hands on experience on Bharti Airtel products.

PROJECT//

Project Name: Airtel IoT / NB-IoT (R&D lab)

Devices testing like Smart Energy Metering Projects, Smart Water & GAS Metering Projects, Smart Tracking System, Vehicle & Consignment Tracking projects for Airtel.

Client: Bharti Airtel

Location: Bharti Airtel Ltd, Sector-08, Manesar, Gurugram, Haryana.

Position: Test Engineer

Marquistech Pvt. Ltd, | Test Engineer | June 2022 to August 2023.

- Expertise in Developing, Review and Execution of Test Cases.
- NR & LTE Functional Testing of various VoNR, VoLTE, LTE, VoWiFi, and Data only devices.
- Performed Regression, Full Scope Test & Sanity Tests on Jio feature phone, prelaunch Smart phone devices, iPhone devices.
- Reporting Issues & defects, Reproducing Issues in live network, collecting the log to create Issues.
- Field Testing of various mobile handsets in Live Radio conditions.
- Log capturing on logging tools QXDM, GENIE, ELT and on device logging for different Chipset.
- Working knowledge of test case execution including Throughput, Handover, Reselections, RACH process, CSFB, VoWiFi, CA, DSDS, IMS, RAN, Rank Index, UE capability, PRACH Tx Power test Scenarios.
- Execute Field test cases to verify the call performance, voice quality and data performance and location functionality of mobile phones.
- Understanding of IMS architecture with all the nodes (P-CSCF, I-CSCF, S-CSCF) and having good knowledge of IMS call flow including IMS Registration.
- Experience in Full scope testing, sanity testing, Feature testing, Functional testing, Device Flashing, Compatibility testing, Retesting, Regression Testing.
- Raised defects in JIRA for any issue while execution. Hands on experience on Reliance Jio products ITEL mobile, JNM2550, Narrowband IoT (JPT1740) as well as Wideband IoT (JCR1440).
- Basic knowledge of 5G/NR Architecture, Standalone procedure, non-Standalone procedure

PROJECT-1//

Project Name: Wonderland-DNI

Devices testing of Feature phones and Smart phones for Reliance Jio.

Client: Reliance Jio

Location: Delhi, India

Position: Test Engineer

Description: -

- Sanity, functional testing & full scope testing of multi-vendor devices & feature phones.
- Throughput testing of feature phones, smartphones & Prelaunch smart phone devices.
- Out of service shield box testing & test case execution & retesting issue.
- RSRP report creation for Jio feature phones and smart phones
- Performing RAN, service-based handover, Cell Selection, Cell Reselection, Throughput, call performance, VoNR, IMS, VoWiFi, CA & DSDS
- Skilled in Test planning, making test plans, Managing Reports and finalizing report with defect management.
- Mobility for issue retest & test case execution.
- Testing different chipset devices using diagnostic tools like QXDM, QCAT, Wireshark & ELT.
- Carry out Basic analysis to find possible issues using captured logs.

Knowledge Gain: -

- Working knowledge of different IMS call flow.

- Good understanding of Volte.
- Knowledge of Mobile chipset testing, and Prototype models.
- Good knowledge in LTE architecture, Channels, call flows, IMS registration, Power acquisition, LTE protocol stack, CSFB, SRVCC technologies.
- Knowledge of QUALCOMM and MediaTek Chipset like as (Flashing, Backup & Modem Log)
- Knowledge of Sanity, Functional, Performance, Supplementary and Application Testing.
- Log analysis on QUALCOMM and MediaTek chipset using QXDM and ELT tools.
- Knowledge of TCP/UDP protocol.
- Involved in writing test cases for SIP functionality for various features such as call cancellation, call transfer, call forward, busy, no answer.

PROJECT-2//

Project Name: Wonderland-ACME

Devices testing of Apple like iPhone14, iPhone13 for Reliance JIO.

Client: Reliance Jio

Location: Delhi, India

Position: Test Engineer

Description: -

- Sanity, functional testing & full scope testing of iPhone devices.
- Out of service shield box testing & test case execution & retesting issue.
- Performing and capturing the On-Device baseband logs of RAN, service-based handover, Cell Reselection, Throughput, call performance, IMS, VoWiFi, CA & DSDS.
- Skilled in Test planning, making test plans, Managing Reports and finalizing report with defect management.
- Mobility for issue retest & test case execution.
- Performing all ACME (iPhone) test cases in NR & LTE both Network conditions.
- Carry out Basic analysis to find possible issues using captured logs.

Linkquest Technologies Ltd, | RF Engineer | Nov 2016 to May 2022

- Optimization of network and parameter setting based on coverage.
- Drive log analyses & resolving the issue of poor coverage by changing tilt, Parameter,
- Drive test analysis and taking the necessary action to improve the performance of his area.
- Preparing SCFT & Cluster Reports.
- CO-Ordination with DT Team and maintain daily data record.
- Analyzing the Call Drops, Handover Failure, Call Blocks.
- Analyzing the low coverage and quality patches. ☐
- Recommending the changes to be implemented for the improvement of the patches.
- Reducing the overshooting of cells by optimizing the tilts.
- Traffic sharing of high utilized cells with nearest neighbor Cells by physical optimization.
- Responsible for Cluster Reports acceptance from client.

- Responsible to plan SCFT and Clusters drive as per client.
- Responsible for New Site SCFT & solve customer complain in LTE technology.
- Responsible for Cluster drive & proper optimization in LTE technology.
- Maintaining the proper coverage of the cells by optimizing the physical antenna and some counters.

TOOLS USED

- QXDM, QCAT, PCAT, QPST, iTunes, Wireshark, Coolwatcher, ARM tracer, CAT Studio, ARM-Logel, Dock light, JIRA, ELT, GENIE, LOGEL, Notepad++, Beyond Compare etc....

SKILLS

- Good understanding of Volte.
- Working Knowledge of Different IMS Call flow.
- Good knowledge of SIP, SDP, RTP, DIAMETER, DHCP, DNS, TCP, UDP.
- Excellent knowledge of IMS and its Architecture.
- Excellent knowledge of LTE Architecture and different LTE call flow.
- NR, LTE, VoLTE, VoWiFi, IMS, CSFB, EPSFB, CA.

EDUCATION

- MBA in dual specialization (IT & Marketing) from Dr. APJ Abdul kalam Technical University Uttar Pradesh in 2022.
- Bachelor of Technology in Electronics & Communication Engineering from Dr. APJ Abdul kalam Technical University Uttar Pradesh in 2015
- Intermediate from UP Board Allahabad in 2010.
- Matriculation from UP Board Allahabad in 2008.

STRENGTHS

- Strong communication skills – Able to clearly convey ideas and actively listen.
- Problem-solving ability – Skilled in analyzing situations and finding effective solutions
- Adaptability – Comfortable working in fast-changing environments.
- Time management – Able to prioritize tasks to meet deadlines efficiently.
- Team collaboration – Works well in team environments and contributes positively
- Leadership – Takes initiative and can guide or mentor others.
- Attention to detail – Thorough and precise in completing tasks.
- Work ethic – Dependable, self-motivated, and committed to quality work

PERSONAL INFORMATION

- **Gender:** Male
- **D.O.B:** 11th May 1994
- **Nationality:** Indian
- **Languages Known:** English & Hindi
- **Marital Status:** Single
- **Hobbies:** Listening Music, Playing Cricket & Badminton, Cooking
- **Fathers Name:** Late Mr. Sukhendra Duvedi
- **Permanent Add:** House No-2, Village-Kichaura, Post Office-Jyonti, Distt-Mainpuri, UP - 205263

I hereby declare that the above furnished specifics are accurate to the paramount of my knowledge and confidence.

Place: Delhi

Date:

ANUPAM DUVEDI