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OBJECTIVE:
To pursue a challenging career and to be a part of a progressive organization that will give me the scope to enhance my knowledge, skills and achieve excellence in this sector.

PROFILE SYNOPSIS:
- Comprehensive knowledge of LTE (4G) and 5G NR (New Radio) protocols including RRC, NAS, PDCP, SDAP, RLC, MAC and PHY layers.
- Experience with dual connectivity (EN-DC), VoLTE, VoNR and Carrier aggregation testing.
- Expertise in iOS and Android device setup for testing.
- Proficient in extracting and analyzing iOS and android device logs using tools like QXDM, QCAT etc.
- Strong debugging skills, identifying issues in RRC connection setup, bearer management, handover failures, and PDU session establishment.
- Experience in field testing through drive tests to validate real-world performance of LTE/5G NR devices, covering key metrics like RSRP, SINR, CQI and handover performance.
- Proven ability to carry out inter-RAT (Radio Access Technology) mobility tests (e.g., LTE to NR handover, NR to LTE fallback)
- UE side testing like Performance, Sanity, Unit, Functional, Release, Load, Stability and Regression as given in the Test Plan under conductive & wireless environment, from office and field as well.
- Worked on different types of Testing Audit & Validation for E-Node B, Core Nodes, MRF, TAS, VoNR & VoLTE products and their protocols & feature/functional testing.
- Good knowledge in IMS architecture with all the nodes (e.g. P-CSCF, I-CSCF, S-CSCF, SLF, TAS, MRF) and having knowledge of end-to-end call flow including IMS Registration.
- Having a good knowledge of NR Registration procedure with all nodes like G-NodeB, AMF, SMF, UPF etc. and their call flows.
- Strong knowledge of LTE, NR, Vo Wi-Fi and Emergency call registration procedure.

TECHNICAL DETAILS:
Tools Used: QXDM, QPST, QCAT, ELT, LOGEL, WIRESHARK, FILE ZILLA.
Operating Systems: Ios, ANDROID, LINUX.

PROJECT DETAILS:
I have 3 years of experience as Test Engineer in Application and Protocol sector & 3+ years as Drive Test Engineer in Telecom Domain.

Project 1:
Project Name: iOS DEVICE TESTING (ACME)
Company: MARQUISTECH PVT. LTD.
Designation: Test Engineer
Duration: Jan 20th ,2025 to till date
Responsibilities:
- Responsible for managing iOS device flashing, upgrade, and reset required for testing using tool.
- Execute, and validate LTE & 5G NR test cases on Test Plan and upload the results.
- End-to-End Protocol Testing (NR, LTE and Wifi).
- Analyze protocol logs (e.g. using QXDM, QCAT) to identify failures, regressions, or performance issues.
- Investigate protocol stack issues and raise radars with logs.

Project 2:
Project Name: ODCPE (RELIANCE JIO)
Company: KAIRVAM ELECTRONIC INDIA PRIVATE LIMITED
Designation: Test Engineer
Duration: Oct 26th, 2023, to Jan 16th, 2025

Responsibilities:
- Responsible for end-to-end testing of ODCPE and finding the bugs and reported to team and helps to fix that bug.
- ODCPE web Gui Testing, Performance Testing, Functional Testing, Regression Testing, Throughput Testing, E-sim module Testing, DC App Testing, ACS server Testing.
- Collect the Chipset logs using LOGEL Tool and analysis them using 3GPP decoder.
- Responsible for end-to-end testing of ESIM. API failure issue with ODCPE and SMDP+ server.
- Responsible for accessing the device using adb. Push the files in the device using adb. Pull the files from the device using adb**.**

Project 3:
Project Name: UE TESTING (RELIANCE JIO)
Company: MARQUISTECH PVT. LTD.
Designation: Test Engineer
Duration: June 1st, 2022, to Oct 23^{rd,} 2023

Responsibilities:
- Validate the device's behavior across all protocol layers-PHY, MAC, RLC, PDCP, RRC, and NAS—under different scenarios.
- Test key features like EN-DC (LTE-NR Dual Connectivity), SA (Standalone) vs NSA (Non-Standalone), CA (Carrier Aggregation), VoNR, and VoLTE.
- Capture and analyze detailed protocol logs using tools like QXDM, QCAT, ELT, LOGEL and others to debug and resolve signaling or data issues.
- Test across multiple network vendors (e.g., Ericsson, Nokia) and with various operator configurations.

Project 4:
Project Name: VODA-IDEA (VIL-ERICSSION) & Bharti Airtel (NOKIA)
Company: METRO TELWORKS PVT LMT
Designation: Drive Test Engineer
Duration: Dec 10th, 2018, to May 31st, 2022

Responsibilities:
- Perform RF and protocol data collection using specialized tools (e.g., AZENQS, TEMS, Nemo, XCAL) by driving or walking through designated routes.
- Measure and monitor key performance indicators (KPIs) such as RSRP, RSRQ, SINR, throughput, call setup success rate, and drop call rate.
- Analyze collected logs to detect and troubleshoot network issues like call drops, poor handovers, low signal strength, or throughput degradation.
- Create detailed test reports with findings, KPIs, coverage maps, and recommendations for optimization (e.g., antenna tilt adjustment, handover tuning).

ACADEMIC QUALIFICATION:

Qualification	Board/University	Year of Passing	CGPA/Percentage
BE Electrical (E&P)	Nagpur	2018	9.07
H.S.C.	Latur	2014	54.27%
S.S.C.	Latur	2012	77.27%

MISCELLANEOUS DETAILS:
- Gender: Male
- DOB: December 02, 1996
- Language Know: English, Marathi, Hindi

DECLARATION:
The above-mentioned information is true to the best of knowledge.
Date: / /
Place: Hyderabad   Name: Suraj Waghade