

**ONKAR GUPTA**

- Email: [onkargupta1992@gmail.com](mailto:onkargupta1992@gmail.com)
  - Alternate Email: [onkargupta1992@outlook.com](mailto:onkargupta1992@outlook.com)
  - Mobile: +91-7000209754 / +91-8878912979
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**CAREER OBJECTIVE: -**

To pursue a career with a company having a global vision that encourages creativity and offers an opportunity to learn and develop both in professional and personal life, wish to use and enhance my technical knowledge and ability to work as a group and learn critical aspects thereby contributing positively towards the realistic growth of the organization.

**SUMMARY: -**

7 years of experience in RF & Mobile handset Testing in 5G, LTE and IMS domains. I have worked primarily with NR, LTE, VoWiFi, CA, IMS, and have knowledge of Network with sufficient exposure towards Telecom testing activities. Experienced in preparing and execution of test plans, finding issue and raising and tracking their updates

**PROFESSIONAL EXPERIENCE-****1. Organization: MARQUIS TECHNOLOGIES PRIVATE LIMITED**

**Period:** 21 Jan 2022 to till now

**Project:** Samsung, Motorola, HMD, Google

**Tools:** ELT, Wireshark, JIRA, QXDM, Loggel PCAT, QCAT, Shannon & ADB Commands

**Designation:** Test Engineer

**Project Description:** Performed various test cases on commercial phones like multimedia, chipset testing, Network Testing, Sanity Testing device testing, Regression Testing and performing the log analysis for all Modem related issues.

**Job responsibility:**

- Executing responsibilities as device testing.
- Flashing the device using ADB Commands & also with Flash tool
- Testing scenarios included MO/MT voice calls, SMS, MMS, PS/CS calls, DL UL Throughput Testing, BT, Tethering, Handover, Performance Testing, & find the Bugs.
- Analyzing the Call Drops, CSFB, SRVCC, Handover Failure & Call Blocks.
- log analysis for 4G, IMS & 5G Test cases using log analysis tools like ELT, QXDM, Loggel, & QCAT.
- Responsible for mobile testing of Android handset.
- Responsible for manual testing of Android handset.
- Analyze log files & recommend reason for the same & reporting bug.
- Posting Bugs and updating bug-tracking system as appropriate.
- Performing Throughput testing and Performed 5G test Cases.

- Performing Functional and Performance testing with respective to Competitor device i.e., Prelaunch devices in the Market.

#### **Knowledge gain**

- Mobile chipset testing, and Prototype models.
- Basics knowledge about the ADB commands.
- I have knowledge of 2G, 3G, LTE, IMS (VoLTE) & 5G (SA & NSA).
- Knowledge/Experience in windows and android mobile with latest features.
- Knowledge of QUALCOMM MediaTek & Spreadtrum Chipset like as (Flashing, Backup & Modem Log)
- Knowledge of Sanity, Functional, Performance Testing.
- Log analysis on QUALCOMM, MediaTek & Spreadtrum chipset using **QXDM, ELT, Loggel & Shannon** tool.
- User interface and modem android log analysis on latest Version P & Q android version.
- Logs analysis Modem issue and User interface related issue for India.

#### **2. Organization: METRO TELWORKS PVT. LTD**

**Period:** 24 Sep 2018 to 24 Nov 2021

**Project:** Ericsson, Nokia & ZTE

**Designation:** RF Engineer

**Tools Used:** TEMS Investigation & TEMS Discovery, Gladiator, REPLAY, AZQUENS, Map Info, GENEX Assistant, & Google Earth.

#### **Job responsibility:**

- Preparing SCFT & Cluster Reports of GSM, UMTS LTE & Volte Network
- Analyzing the Call Drops, CSFB, SRVCC, Handover Failure & Call Blocks.
- Analyzing the low coverage and quality patches.
- Recommending the changes to be implemented for the improvement of the patches.
- Coordinating with the field Engineers.
- Reducing the overshooting of cells by optimizing the tilts.
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- Maintaining the proper coverage of the cells by optimizing the physical antenna and some counters.

#### **3. Organization: KUTUMBH CARE PRIVATE LIMITED**

**Period:** 13 April 2015 to 30 April 2016

**Project:** RJIL (M.P.)

**Designation: RF Trainee Engineer****Job responsibility**

- 2300 MHz & 850 MHz -5 Handset Drive testing on XCAL Software used to estimate Download, Upload throughputs, Call Quality, RSRP strength, Voice over LTE long call and short call, Successful inter cell and intracellular Handover.
- Troubleshooting Network Problems through drive test and Optimization Activity.
- Analyze the reasons for- call drop, call attempt failure, handoff failure, pilot pollution, Interference and other network related issues and resolve them.
- Physical optimization in terms of antenna down tilt to minimize pilot pollution and overshooting cells
- Do the physical site audit, physical optimization and check the site for swap between sectors.
- Performing drive test (SCFT, CLUSTER PRE & POST DRIVE) & optimization using XCAL Investigation & analyzing reasons for call drops, handover failure, detecting SWAP.
- Responsible for ACME call Testing
- **TOOLS USED:** XCAL, Google Earth, MS office & ACME.

**SKILLS:**

- Good knowledge of IMS and its Architecture.
- Good knowledge of LTE Architecture and different LTE call flow.
- Good knowledge of LTE channel.
- Good knowledge of NAS, RRC and PDCP layer.
- LTE, VoLTE (IMS)

**EDUCATIONAL QUALIFICATIONS: -**

- B. E./Electronics & Communication, May-2014 (RGPV- Bhopal), Percentage- 67.22
- Higher Secondary School Examination, March-2009 (M. P. Board Bhopal), Percentage- 66
- High School Examination, March-2007 (M. P. Board Bhopal), Percentage- 67.33

**COMPUTER SKILL:**

- Basic Computer Applications.
- MS-Office word.
- MS-Office Excel.
- MS Power Point & Operating System Windows 7, 8, 10.

**STRENGTHS:**

- Positive Attitude, Confident, Honesty and Team Spirit.

- Ability to cope with any kind of environment.
- Good grasping power and communication at my best.
- Honesty and sincerity towards my chosen field.
- Desire to learn new technology to improve my skill set.

**PERSONAL PROFILE:**

Father Name : Mr. Mohan Lal Gupta  
Date of Birth : 15 April 1992  
Gender : Male  
Marital Status : Married  
Language Known : English and Hindi  
Permanent Address : 73 MAJHTOLWA, RAMNAGAR, SATNA (M.P.)485881  
Nationality : Indian

**DECLARATIONS**

I do hereby declare that the above information about me is true to the best of my knowledge.

Place : Maihar (M.P.)  
Date :

Onkar Gupta