

**RAUSHAN KUMAR**

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**Offical Mail-Id:**

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- Test Engineer with **over 7 year, of experience.**
- Currently working **Marquis Technologies Private Limited (Jabalpur).**

**SKILLS ENTAIL:** Ability to manage and priorities multiple tasks and responsibilities while maintaining a high Level of Quality service and professionalism. & Demonstrated good oral and written communication skills.

### CAREER CONTOUR

- Currently Marquis Technologies Private Limited as a Testing Engg from 1<sup>st</sup> Nov-24 Till now.
- NR SWITCH N RADIO SERVICES PVT. LTD as RNO & Planning Engg from 15<sup>th</sup> OCT-22 to 31<sup>th</sup> Oct-24.
- Also Working With Bharti Airtel PVT LTD as a Planning and Design Engineer(Fiber) from 11<sup>th</sup> April-21 to 10<sup>th</sup> Oct-22.
- Also Working With Merotel works PVT LTD as RF Engineer from 12<sup>th</sup> Nov-18 to 09<sup>th</sup> April-21.
- Experience in GSM,WCDMA,LTE Data Analysis, FDD, TDD Optimization, Drive testing, Coverage Planning.
- Excellent interpersonal skills, motivated, energetic with demonstrated proficiency for learning new technologies.
- Have a Basic knowledge of **2G, 3G,4G,5G.**
- 5G Cluster Report Validation & Making 5G Cluster PPT.
- Planning 4G & 5G & Cluster.
- Having Knowledge ANTS Tool & DPM Tools, QXDM,Wireshark,PCAT,QCAT.
- Having Knowledge ODU & JCR Device testing.
- **Responsibilities:** Coordination, validation and Report Making. Cluster optimization, and KPI ANALYSIS. Monitoring of drive test parameters like – PDCP DL THROUGHPUT,PDCP UL THROUGHPUT, RSRP, RSRQ, RSSI, EARFCN, PCI, CINR,GPS CONNECTIVITY, PSATTACH, PSDETACH, PING TEST, CSFB,CQI,BLER(BLOCK ERROR RATE),. Analysis of TEMS measurements (GSM/WCDMA/LTE) and statistics in order to decide the need of new sites either for traffic, coverage or quality.
- Planning for Fiber Design.

### KEY DELIVERABLES & JOB RESPONSIBILITIES

- RTN910, RTN905, RTN950 & Ceragon IP10 & IP20.
- 4G (LTE) 3G (WCDMA) 2G (GSM) Drive-Test for data-collection and post-processing for Network Optimization.
- Analyzing Drive test for IRAT (3G-2G) handover, (2G-3G) handover, Video Call, Multi RAB, HSDPA, HSUPA, Ping. Report making for RSCP and Ec/No, SC, HSDPA.
- Analyzing drive tests for TRAI, BSC migration, up gradation, MSC handovers, BSC handovers and other night activities.
- Responsible of conducting BCCH Locked Drive Test before and after Height Reduction Conducted Drive test for Coverage Check & Optimization of Railway Track.
- Analyzing Drive Test (Benchmarking) for Network Comparisons, ICR testing. Providing training to new joiners and making them familiar with working environment and different tools used
- Converting the drive test result to MapInfo Professional, MCOM format and to generate the report for taking action.
- Analyzing site performance after integration through drive-test measurement, detecting eventual problems and recommending changes to fixing these problems.
- Involved in analyzing Coverage, Quality, Co-channel(C/I) and adjacent channel (C/A) interference and Handovers of the network, missing frequencies.

- Network Planning for GSM network using MapInfo and MCOM tool. Parameter Tuning and Optimization of Network as per design requirements.
- Case-Study of Drop Reasons for Uplink & down Link, Quality and Signal Strength issues Planning for Creation & Deletion of neighbors .and prepare CRF according to planned activity.
- Analyzing Various parameters like HOSR, CDR, CSSR, SD/TCH Blocking rate etc.

## PROJECTS HANDLED

### ☞ RF/ DT Engineer :

**CLIENT: Airtel Bharti, 2G & 3G & 4G ( Guj Circle).**

1. Project :- NSN Bharti Airtel , Voda MM project.
2. Drive test Engineer/Survey Engineer For NSN (Airtel).
3. Design Engineer/Planning For Fiber.

**Location:- Madhya Pradesh**

**Location:- Jabalpur**

## TOOLS USED

- ☞ Optimization Tools: TEMS (16.3.4), NEMO OUTDOOR,AZQ,PDB & ERISITE TOOL.
- ☞ Planning Tools: Map Info 8.5, Google Earth, KMZ
- ☞ Operating System: WINDOWS
- ☞ Other Tools: MS Word ,MS Excel ,MS Power Point, ANTS & DPM Tools.

## ACADEMIA

- 2014** B.E.(ME) from Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal 2013.  
**2010** 12<sup>th</sup> from Bihar Secondary Examination Board Patna Bihar 2009.  
**2008** 10<sup>th</sup> from Bihar Secondary Examination Board Patna Bihar 2007.

## PERSONAL DOISSER

Father's Name: Mr. : Ram pravesh metha  
 Date of Birth: 26 Jul 1991  
 Address: Vill- Ushri, P.O- Shikarpur, P.S- Shahpur, Distt- Patna(Bihar), 801105  
 Marital Status: Married  
 Language Fluency: English and Hindi.  
 Current Place: Guwahati

**Declaration:** I hereby declare that the information given above is true to the best of my knowledge & belief.

**RAUSHAN KUMAR**

Date :-