**PARVEEN KUMAR**

**Integrated Access Network Lead**

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**Location Preference: Delhi NCR**

**Consummate and Pragmatic Deputy Manager; targeting senior level Technology Projects with an organization of high repute in Telecom industry**

**PROFILE SUMMARY**

* An achievement-driven professional; offering nearly **15 years** of experience in Telecom industry in–LTE/WCDMA/GSM technologies; experienced in using MapInfo, TEMS 14 investigation, and TEMS route analysis; conducting co-channel (C/I) and adjacent channel interference analysis
* Recognized for reaching 0.03% for VDR (Volte call drop rate), more than 99% for SSSR (Session setup success rate, 99% for HO (handover, less than0.7% BLK (blocking: TCH and SDCCH congestion. Ensured a very good network (5BSC) in term of accessibility, retainability and service integrity
* Wealth of expertise within GSM radio network planning including macro, micro and in-building coverage planning; possess strong knowledge of IEEE 802.16 and 802.11 standards along with the understanding of system performance and RF system optimization techniques
* Successfully facilitated GSM drive test & optimization and KPI monitoring for proper network tuning in Indonesia; cluster and SCFT drive test & optimization of new and existing sites using TEMS while managing Warid Project in Bangladesh
* Expert at ensuring the quality of connections to allow for seamless data and voice transmission; specialized in accurate & efficient troubleshooting to quickly resolve issues
* Proficiency in using telecom equipment such as Cisco, HP, X-CAL, TEMS (Drive Test), ASSET Planning Tool, Network Analyzers (Anritsu) and RFT (Codan & Agilis)
* Gained exposure to telecom technology such as LTE & GSM tools, Wi-Fi & VLAN, CISCO ASR 920, ASR 901, 1800 configuration and DAS implementation; possess knowledge of LTE drive test optimization on XCall and various drive test tools setup, LTE &GSM basic network architecture: BTS, BSC, MSC, MS, LTE & GSM call flows, LTE & GSM channels

**KEY SKILLS**

**Network Deployment & Optimization Service Delivery Project Management**

**Pre Sales and Managed Services Team Management Cross Functional Coordination**

**Customer Relationship Management Conflict Resolution Channel Interference Analysis**

**PROFESSIONAL EXPERIENCE**

**Since Dec’15 with Reliance Jio Infocomm Limited, Delhi/NCR (Haryana) as Deputy Manager (Integrated Access Network Lead)**

**Working on project titled “Reliance Jio 4G LTE” since 2015**

**Key Result Areas:**

* Spearheading and supervising the team of JC engineers & technicians to conduct radio network operation and RF coverage related activities within the geography of the Jio Centre
* Addressing customer complaints & taking necessary actions to resolve the same
* Facilitating:
* Feedback for site planning, in-building solutions planning & optimization
* Optimization of new LTE sites PCI, neighbor, physical parameter, swapped feeders and cluster through drive tests and verification of KPI targets by verifying RSRP, RSRQ, & SINR and throughput
* LTE Pre-Post launch network optimization and driving analysis, neighbor relation, and tilt and parameter optimization
* New site RF survey and SCVT (Single cell verification Test) of LTE EnodeBs
* IBS, Wi-Fi, ODSC, DAS(Distributed antenna system) implementation
* Post processing of drive test log files to analyze drive test problems and determine if caused by poor coverage, interference, quality and troubleshooting by fine tuning and hard optimization
* VLAN deployment and Cisco Router configuration
* Managing site process and reviewing milestones including RFE1/RFE2, RFR, and RFS
* Planning and envisaging new outdoor (Macro, Micro and Pico (Small Cells)) and indoor (IBS) sites based on traffic dimensioning and survey
* Analysing LTE network KPIs and identifying RCA (Root Cause Analysis); managing vendors; optimizing worst cells to improve KPI's such as TCH assignment success rate, SDCCH assignment success rate, and TCH drop call rate
* Performing Link Budget and Traffic Analysis; ensuring that all KPIs target achieved within the stipulated time frame
* Evaluating and troubleshooting 3G (UMTS) KPI parameters like RRC setup rate, CS AMR setup rate, PS setup rate and HSDPA setup rate
* Administering RF survey, design and proposal preparation, RF data collection and BOQ calculation and material planning
* Testing pre- and post-launch performance data collection, verification and optimization
* Conducting preventative and remedial maintenance on all equipment
* Creating coverage prediction of sites using ASSET planning tool; optimizing network by changing cell parameters, orientation & tilting of gsm antennas for optimum coverage

**Highlights:**

* Successfully managed designing and modification of voice and data performance; conducted long-term planning and provided wireless engineering support
* Recognized for developing new WiMAX sites and formulated network design changes for aiding interdepartmental objectives and resolved system problems

**PREVIOUS EXPERIENCE**

**Sep’12-Dec’15 with Essel Shyam Technologies Ltd., Noida as Sr. Engineer**

**Highlight:**

* Successfully managed “ONGC Project” of VSAT

**Aug’09-Sep’12 with Vihaan Networks Limited, Gurugram as RF Engineer**

**Highlight:**

* Successfully handled “3G UMTS” project related to solar power wheein facilitated solar energy to 2g/3g sites without any glitches

**Jul’07-Aug’09 with Dishnet Wireless Engg. Pvt. Ltd.,(Aircel) Shimla as Network Executive**

**Jun’06-Jul’07 with Toshniwal Enterprises Pvt. Ltd., Delhi as RF Engineer**

**Highlight:**

* Received appreciation for accomplishing a project titled “Reliance ADA RF Survey” in Karnataka

**ACADEMIC DETAILS**

* Have completed one year Diploma in Business Management from NGASCE
* B.Tech. (E & C) from N.C. College of Engineering (Affliated to Kurukshetra University), Panipat with 1st division
* 12th from RMS Sr. Sec School (Affiliated to CBSE), Delhi with 1st division
* 10th from RMS Sr. Sec School (Affiliated to CBSE), Delhi with 1st division

**CERTIFICATES**

1. JC Integrated Access Network Lead training
2. eUTRAN Advance - Software rel 7.0.0 Feature assessment
3. Massive MIMO Training
4. Samsung Indoor Small cell Hardware & Functions
5. Namaste English
6. POSH – Prevention of Sexual Harassment

**PERSONAL DETAILS**

**Date of Birth:** 22nd March 1982

**Languages Known:** English, and Hindi

**Present Address:** No.32, Vpo-Kazipur, New delhi-110073