**AMIT KUMAR JAIN**



**Mobile:** +91-9871137458 • **Email:** kr\_amitjain@rediffmail.com • kramitjain@gmail.com

**OBJECTIVE**

**Lead Engineer,Seeking role in Project Management / Telecom Engineering /Technical Support /RF design /customer support**

**EXECUTIVE SUMMARY**

* Admirable experience of **over 24 years** in managing Projects related to Wireless communication, administering telecom procedures and managing technical issues.
* Currently associated with **Vihaan Networks Ltd., Gurgaon** as **Lead Engineer.**
* Recognized for carrying out maintenance and testing of Radio Frequency (RF), Wireless Radio Link,Optical Fibre Network, Data Network, Value Added Services, Power Distribution System, Capacity to work on Mobile Switching Network for GSM, CDMA,UMTS and Network Operations.
* Played a pivotal role in developing acceptance test plans from specifications, writing test cases and procedures, executing test cases and tracking defects Known for working on telecommunications engineering principles in the area of Network Operations, Switching, RF, Transmission, design, support, surveillance and data networking
* Knowledge of BTS with skills in swiftly ramping up projects with competent skills and ensuring on time deliverables
* Remarkable ability to perform troubleshooting of on process issues and resolve them efficiently

**Core Competencies:**

Project Management • Governance Implementation • Business Continuity Planning • Vendor Management • Network Facility Management • Quality Assurance • Client Servicing • Training & Development • Team Management

**KEY DELIVERABLES**

* Overseeing the system's development encompassing design, choice of vendors, communication equipments (hardware) and Value Added Services
* Performing Testing,installation and commissioning of wireless IP radio link RMC 2400-5800MHz,WiFi Access point solution, Optical Repeater(WDM), RF Repeater, Booster (CDMA Band, GSM Band, DCS Band and PCS Band, UMTS Band)
* Planning and effecting preventive maintenance schedules of various telecom equipments to increase equipment reliability
* Identifying performance bottlenecks and taking adequate measures to rectify faults
* Drafting layouts for the wireless, telecom projects and applications
* Foreseeing performance bottlenecks and taking corrective measures to avoid the same
* Managing installation and commissioning of telecom network and services
* Performing rectification and troubleshooting of site along with handling & auditing the warehouses
* Developing plans and schedule for projects and preparing necessary objectives for same
* Assisting customers in resolving all issues and updated project status accordingly
* Monitoring all processes related to project both external and internal resources
* Determining the project budget and recording all expenses of project to ensure its compliance with scheduled budget
* Coordinating with external vendors and scheduled projects and estimated costs
* Identifying needs of enhancements to project and updated process accordingly

**CAREER CONTOUR**

**Since Dec 2014 with Vihaan Networks Ltd., Gurgaon as Lead Engineer**

**Accountabilities**

* Performing testing of:
  + TSEC (MTCTE) for essential requirement in 2.4 & 5 GHz frequency band of ETSI & FCC standard for radio modem unit
  + Wireless radio link with data connectivity using putty,winscf,labview,teraterm,JDSU,and PERL plateform
  + Optical repeater, RF repeater ( 20dBm,33dBm,37dBm,40dBm)and booster
* Designing Variable Delay System with optical transmitter laser diode and optical receiver photo diode in radio frequency band (400MHz-4.3GHz),IP radio link over optical fiber length upto 100 km distance with maximum throughput data
* Handling the Testing,installation and commissioning of repeaters, IP radio link for customers such as BSNL
* Knowledge on Altium PCB designer tool, circuit diagram,BOM.

**Jan 1995 – Nov 2014 with Shyam Telecom Ltd., Gurgaon**

*Apr 2008 – Nov 2014 as Senior Engineer*

*Aug 2005 – Mar 2007 as Member of Technical Staff (MTS)*

*Feb 2001- Jul 2005 as Senior Engineer*

*Oct 1999 – Jan 2001 as Engineer*

*May 1996 – Sep 1999 as Assistant Engineer*

*Jan 1995 – Apr 1996 as Junior Engineer*

**Accountabilities**

* Performed testing of optical modules and optical repeater and TSEC of optical repeater and RF repeater with BSNL & ERTL Okhla
* Installed and commissioned Optical Repeater, RF Repeater, Booster (US Cellular Band, GSM Band, DCS Band, PCS Band, UMTS Band). TMB and FCRG
* Proactively developed schematic diagram and BOM of optical modules such as gain modules, OTX, ORX and system level and test jig of optical modules
* Imparted training about new products
* Performed, installation and commissioning activity of following equipments in house and in field:
  + CorDect, and Multiplexer (10 Channel, 30 Channel), Digital Microwave Radio (2 To 2.3 Ghz), different modules of DECT System; Jigs for different cards.
  + PQT Team and Acceptance testing - in House and Field trial, of DECT System
  + Testing of MARRT System, Single Channel System, E&M System and Hot Line System in VHF & UHF Frequency.
  + TEC team for in house and field trial of MARR & Single Channel System in VHF & UHF range for TEC approval.
  + QA testing (BSNL, MTNL) and other customers like ONGC, NTPC, NCFL, IOCL, GAIL, WCFL, & Defence Services.
  + Acceptance Test Assignment for installation of Cor-Dect system in Tamil Nadu.
  + Customer Support activities such as installation & commissioning of MARR, single channel and Trunky Projects
  + PPC, Marketing and providing customer care for new orders

**Projects Undertaken**

* Optical Repeater, RF Repeater, FCRG, TMB, Booster (CDMA, GSM Band, DCS Band, PCS Band, UMTS Band)
* CorDect Project (WLL)
* Multiplexers
* Digital Microwave Radio System
* Multi Access Rural Radio Telephone System (MARRTS)
* Point-To-Point Single Channel System
* E&M System (Exchange To Exchange Connectivity)
* Hot Line System in VHF & UHF Frequency Range
* Very Small Aperture Terminal (VSAT) RFT

**Commenced career at Shyam Antenna Electronics Ltd., Delhi as Junior Engineer (Testing of Duplexer, Filter, and C Band Receiver; VHF & UHF Antenna) during Oct 1991 – Dec 1994**

**TRAININGS UNDERGONE**

* “Direct Internet Access System (DIAS) / Digital Subscriber Line (DSL)” at STL, Gurgaon
* Coredect technology at IIT MIDAS, Chennai

**INSTRUMENTS HANDLED**

* ENA series network analyzer(Agilent-5071C),EXA signal analyser N9010A,MXG vector signal generator N5182A,Light Point IQ 2010JDSU-test point TS-10,80MHz Funtion /Arbitrary waveform generator (agilent-33250A), Transmission Measuring Set (Ablab-2031), Digital Signaling Panel Tester (DSPT-250), Telephone Analyzer, Power Meter, Digital Transmission Analyzer, PCM Analyzer.

**ACADEMIC CREDENTIALS**

2008 PGDBA (Marketing) from Symbiosis, Pune

1990 Diploma in Electronics & Telecommunication Engineering from Board of Technical Education, UP

**PERSONAL DOSSIER**

**Date of Birth:** 24th June 1969

**Address:** CB-12C, Shalimar Bagh, Delhi-110088