**Chandan Misra**

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**Job Objective**

Aspire to work in an environment which allows me to explore, experiment and excel, thus, adding to the growth of the organisation by applying the acquired knowledge, analytical, communication and interpersonal skills.

Industry Preference: Telecom / IT

**Profile Summary**

* A dynamic professional **over 7yr 8months** of experience in Telecom Projects, Telecom Product Testing, Mobile Application / Field Testing and RF Testing
* Currently associated with **VMC Systems Limited, Hyderabad as Lead Engineer**, **System** **Validation & Testing-Telecom**
* Hands on experience with LTE, WIMAX, CDMA, ADSL, GPON and WLAN(802.11 b/g/n) Technologies
* Involved in requirement analysis and created resources for LTE project, active involvement in system test, mobile field testing.
* Proficient in installing, configuring, testing & maintaining network equipments & devices
* Test and Verification of ADSL CPE and WLAN Routers
* Testing and verifying all products entailing ASN-GW, EMS, BTS, CPE, etc. Finding Defects in software/ Hardware and raising modification request.
* Gained experience in RF Drive Testing, Optimization of CDMA BTS Cell Sites

**Core Competencies**

* Managing / Monitoring / Tracking projects with respect to delivery and ensure timely execution of the projects
* Installing, configuring, testing & maintaining network equipments & devices; augmenting communication network to deliver new services and documentation.
* Identifying opportunities to introduce and extend technology within the business.
* Expertise in high-end technical support on Communication / IT Systems, managing incidents and ensuring high end-user satisfaction levels through prompt solution of their problems
* Excellent communicator with good analytical skills
* Deft in planning, managing and executing projects for start-ups, developing technical resources, hardware, software & solutions for greater value addition

**Technical Skills**

**Operating System:** Windows 98 / 2000, XP, WIN CE and Linux

**Utilities / Applications:** MS - Office and Internet Application

**Skills / Technology** Testing, CDMA, WIMAX, UMTS-LTE, WLAN, ADSL, GPON, RF

**Protocols** Ethernet, VLAN, STP

**Traffic Generators:** Spirent Test Center, IXIA

**Traffic Analyzer:** Wireshark, Etherpeek

**Testing Tools:** TIMS,Bugzilla and Testopia, Clearquest

**Wireless Test Tools:** Spectrum Analyser, SANJOLE, CAIT, Agilent E6474A

**Equipments Proficiency:** Cisco ASN-GW, Tellabs ASN-GW, ALVARION WIMAX BTS, SAMSUNG WIMAX RAS, Lucent CDMA Modcell 3.0/4.0, QC Twister, Kyocera Test Mobiles, Anritsu Site Master, Anritsu Power Meter, Garmin GPS, Repeaters (Celletra, MTI), Cisco CDMA/WIMAX CPE, Wimax 3rd Party CPE’S e.g. Beceem, Quanta, GCT, Seawons, VMC GPON OLT/ONT, VMC ADSL/WLAN CPE

**Organisational Experience**

**Since Dec’11 VMC Systems Limited, Hyderabad as Lead Engineer**, **SVT-Telecom**

**Role:**

* Managing the Team of System Validation and Testing
* Monitoring and reviewing the problem solving on projects handled by team, new product introduction, etc.
* Configuration and testing of WIMAX CPE, GPON OLT, ONUs, ADSL CPE and WLAN Routers
* Expertise in bringing up the End-to-End service setup for HSI, IPTV and VoIP
* Expertise in performing wireless tests
* Involved in the document preparation, reviews and closing of SRS, Datasheets, User Manuals, Test Procedures and G5 documents of the products.
* Technical compliance preparation for Tenders
* Spearheaded the activities likeSystem Test, Test Case Documentation, Test Execution, Bug Reporting and Weekly Status Meeting
* Performed tests like Performance Test, Feature Test

**Dec’09 – Jan’11 L&T INFOTECH Limited, Bangalore** **as Project Lead**

**Role:**

* Headed a Team of Telecom System Test and Validation
* Monitored and reviewed the problem solving of projects handled by team
* Configuration and testing of SAMSUNG WIMAX RAS(BTS) and EMS, LTE Protocol Stack
* Expertise in performing QOS, video, web browsing and traffic tests
* Expertise in performing wireless field tests
* Handled the activities like System Test, Field Testing, Test Case Documentation, Test Execution, Bug Reporting and Weekly Status Meeting
* Taken LTE training and given KT
* Performed tests like Functionality and Feature Testing

**Dec’05 – Sep’09 Cisco Systems India Private Limited, Bangalore as Senior Test Engineer**

**Role:**

* Part of System Testing and Production Support team
* Contributed for the ongoing professional and technical capability of the Testing Team
* Configuration and testing of Cisco CDMA/WIMAX BTS, ASN-GW, TTLNA and EMS
* Expertise in performing QOS and Traffic Tests
* Expertise in performing wireless field tests
* Participated in activities LikeSystem Test, Test Case Documentation, Test Execution and Bug Reporting Bug scrub meetings
* Completed Interoperability Testing Project on time and received appreciation
* Performed tests like including Sanity, Regression Test, Performance Test, Feature Test, Throughput Test, etc.

**Mar’05 – Nov’05 Reliance Communications Limited, Vishakapatnam** **as RF Engineer**

**Role:**

* Tested the RF drive & optimized the Reliance CDMA BTS Cell Sites
* Handled the activities like Drive Test, Data Collection, Site Provisioning, Alarm / Modem Integration, Customer Complaint Resolution, Preventive Maintenance, Network Troubleshoot and Optimization

**Trainings**

* Underwent the training on:
* LTE fundamentals
* WIMAX
* CDMA
* GNL 070 (Super Cell Product Overview) and RAN (Radio Access Network) from Motorola, Hyderabad
* Collection of data involved in the air interface between mobile and base Station for analysis of CDMA Networks using QC Tool CDMA Air Interface Tester and to optimize the system by processing the collected data

**Education**

* PGDM (Telecom Management) from, EIILM University, Bangalore with 63% in 2008
* B.E. (Electronics & Telecommunication Engineering) from C. V. Raman College of Engineering, Biju Pattnaik University of Technology, Bhubaneswar with 64% in 2003

**Other Course:**

* Finished a course on Networking from CMS Computers, Hyderabad

**Major Projects**

**At VMC Systems Limited, Hyderabad**

Title: ADSL2+ Modem & Wireless Router (WLAN) Testing

Client: BSNL and Airtel

Period: Jun’12 - **till date**

Description:

* BSNL/Airtel Field Issue Resolution
* Sress and Soak
* ADSL Feature Testing, Wireless feature Testing
* TR-69 Testing

Title: GPON OLT/ONT Testing

Client: In-house Activity

Period: Apr’12 – **till date**

Description:

* End-to-End traffic testing
* Sress and Soak
* EMS testing
* Software Upgrade
* Triple play services (HIS, IPTV and VoIP) testing

Title: WIMAX Product Testing

Client: BSNL

Period: Jan’12 - Apr’12

Description:

* End-to-End traffic testing
* Sress and Soak
* Software Upgrade
* QOS testing, L1/L2 feature and functionality Testing

**At L&T INFOTECH Limited, Bangalore**

Title: WIMAX SI Testing

Client: Samsung

Period: Jan’10-Dec’10

Description:

* WIMAX RAS (BTS) feature testing
* Loading and Configuration of System, Basic Feature and Functionality Testing
* WSM(EMS) Configuration, Grow/De-grow, Updating Patch
* Configuration of Network Elements
* Alarm Monitoring & Resolution

Title: LTE UE Protocol Stack Testing (Training cum In-house Project)

Client: In-House

Period: Sep’10-Dec’10

Description:

* Taken training on LTE Technology
* Interacted with LTE UE Protocol Stack
* Tested the Network Attach Procedure

**At Cisco Systems India Private Limited, Bangalore**

Title: WIMAX Interoperability Testing

Client: GCT, Beceem, Quanta

Period: Jan’07-Aug’09

Description:

* Tested and verified the proprietary and 3rd party CPE’s as a part of Interoperability testing
* Traffic Testing, QOS and Bandwidth allocation testing
* Sress and Soak
* EMS testing
* Software Upgrade
* L1/L2 feature and functionality Testing

Title: WIMAX Surfer Integration Test / Onsite Support

Client: Max Telecom

Period: Aug’07-Dec’07

Description:

* Tested and verified the WIMAX capable surfer CPE’s and onsite (Dallas, US) support to India Development and test team and to the client for surfer CPE
* Traffic Testing, QOS and Bandwidth allocation testing
* Sress and Soak
* EMS testing
* Software Upgrade
* L1/L2 feature and functionality Testing

Title: WIMAX Wave-1 Certification Test

Client: Unwired, Irish Broadband

Period: Jan’07-Aug’09

Description:

* Tested and verified the Wave-1 WIMAX Certification Test Cases
* Traffic Testing, QOS and Bandwidth allocation testing
* Sress and Soak
* EMS testing
* Software Upgrade, L1/L2 feature and functionality Testing

Title: Product Migration / Compatibility Test

Client: Codium Networks

Period: Jul’06-Dec’06

Description:

* Upgraded the test of P2 BTS to dual mode P3 (CDMA / WIMAX) Base Station
* Traffic Testing, QOS and Bandwidth allocation testing
* Sress and Soak
* EMS testing
* Software Upgrade, L1/L2 feature and functionality Testing

Title: P2 Product Test

Client: Codium Networks

Period: Jan’06-Jun’06

Description:

* Tested and verified the Initial Cisco (NAVINI) P2 CDMA EMS, BTS and CPE
* Traffic Testing, QOS and Bandwidth allocation testing
* Sress and Soak
* EMS testing
* Software Upgrade

**At Reliance Communications Limited, Vishakhapatnam**

Title: TEC Certification

Client: In-House Project

Period: Sep’05-Oct’05

Description:

* TEC Certification Drive test of CDMA cell sites in Phase-2 Project
* Tested and validated the Call Generation, Maturation, Call Drop, Interference and Ping Pong related issues

Title: Phase-2 Project

Client: In-House Project

Period: Mar’05-Aug’05

Description:

* Drive Test, Data Collection, Post Processing
* Optimisation of Reliance CDMA sites

**Personal Details**

Date of Birth: 7th July 1981

Present Address: Door No. 15/16, 4th Floor, Flat No.402, 19th D Cross, 7th Main, BTM 2nd Stage,

Bangalore-560076, Karnataka

Permanent Address: N1-A/22, Nayapalli, IRC Village, Bhubaneswar-751015, Orissa

Languages Known: English, Hindi, and Oriya

Passport Status:  F6340333, Date of issue- 03/03/2006 Valid up to 02/03/2016