

# HARESH G. PRAJAPATI

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*Seeking a position to utilize my skills and abilities in an Industry that offers professional growth while being resourceful*

## PROFILE

- A competent Electronics and Communications professional with practical experience of over 14+ years in LTE(4+yrs) GSM( Nokia ,ZTE 2G ,3G RAN systems) installation and commissioning of BTS & maintenance of BSS GSM network; gained while working on projects & professional engagements.
- Previously work as: **Network Manager** with **Loop Telecom, Ahmedabad**, **Field Manager** with **NSN (Bonsai Networks Pvt Ltd.)**, **Sr.Engineer** with **GTL LTD, Ahmedabad**.
- Proficient in telecom fundamentals, Circuit Core, call processing, voice processing, installation and commissioning of GSM Equipment. Possessing sound knowledge of GSM, Telecom Services, RF Fundamentals, RF& Microwave Survey, BTS Installation, commissioning & Integration, EMF survey.
- Hands on experience with BSS equipment, grounding principles, power systems, antennas and other used installation materials with ability to perform overall technical support tasks, including fault management . Adroit in troubleshooting & problem resolution of GSM, EDGE, GPRS, UMTS, SDH, PDH.
- Dexterous in overall commissioning, integration, network expansion activities, SW upgrade activities such installation & test of technical/ change Request/ change deliveries, technical/ customer acceptance testing.

## PROFESSIONAL EXPERIENCE

Name of Employer	: Samsung India Elec.Pvt Ltd
Duration of Employment	: 2-Dec'13 till date
Job Title	: Field Manager, Gujarat

### Project Description

#### Role

- Field Manager(Reliance Jio -4G)

#### Responsibilities

- eNB Site Roll-out Planning & Execution (Survey, Installation) in area
- eNB Site QC & ATP 11 A & WCC for area
- Integration , ATP 11 B, SCFT, EMF & Optimization Numbers
- Material Management
- Vendor (Sol Par) Management
- Customer Engagement
- Database ,Report & Documentation Management

#### Technologies

- LTE -4G

**LOOP TELECOM PVT LTD, AHMEDABAD****Sep '10 – June '12****Network Manager**

- Currently designated as Manager-Network for Loop Telecom, Gujarat
- Responsible for the POI with other operator with us.
- Looking for EMF testing for ZTE BTS.
- Looking for BSS & Transmission.
- Liason with Regulatory Authorities.
- Co-ordinate with infra vendor, LL provider.
- BTS installation, antenna line implementation got done through sub vendor.
- Extending E1 from Fiber POP to the BSC and BTS location.
- Carry out feasibility test for Last mile connectivity.
- Do Reactive maintenance for BSS.
- BCF, BTS, TRX level creation and optimization of NOKIA BSC.
- Execute thorough EMF testing for Radiation at BTS.
- Optimization on BSS & Transmission front.
- Support Operators on Regulatory requirement by Liasoning with Govt. Agencies.
- Interfacing and Liaising with BSNL offices for POI execution & augmentation and coordinating with vendors to ensure completion of pending work for smoother line network.
- Extract BSS reports.
- Play vital role in improving KPIs.
- Get actively involved in MNP pre-requisites.

**NOKIA SIEMENS NETWORK (through BONSAI NETWORKS)****Jan '09 – Sep '10****FIELD MANAGER**

- Responsible for the Implementation for the expansion plans of NOKIA-AIRTEL in Gujarat Circle. Taking care of Survey, Planning for TI work and coordinating with O&M for PCM and Field Engineers for making the site ON-AIR and increase the overall Erlang capacity for the operator.
- Responsible for the Roll-out new sites every month for the project of AIRTEL in Gujarat. Responsible for the INSTALLATION, COMMISSIONING, INTEGRATION & OPERATION OF BTS in GSM NETWORK.
- Dealing with the RF support as per Network improvement Including SDCCH Drop improving, TCH Drop Improving & Re-solving etc.
- Taking care of New Site's installation, commissioning, operation & maintenance of Nokia BTS-Ultra Site/ EDGE, Metro Site, & Flexi site using Software BTS Manager 4.1, Hub Manager 4.1, Hardware Configurator 4.1, and RRI Manager.
- Handling the operation and maintenance of Nokia Flexi Hopper Microwave using Software Hopper Manager C4.9. Establishing & maintaining the Ericsson Minilink Microwave Equipments & Siemens SRAL Radio equipments using software Net Builder Radio management 4.6.
- Responsible for the Implementation for the expansion plans of NOKIA/AIRTEL in Gujarat Circle with no KPI degradations
- Conducting tests on RF feeder VSWR return loss and locating faulty RF component in cable using Anritsu Site Master. Measuring & installing the BTS external clock value using Frequency Counter.
- Assessing the criticalities and testing E1s using BER meter and also test the leased line transmission facility for new sites as well business offices.
- Analysis of Daily Reports & RF Logs.
- Analysis of Network using KPI report, MAPA
- Engaged in TRX addition and deletion, BTS creation in relevant BSC from TNMS.

**June'04 – Jan '09****GTL LTD, AHMEDABAD****Sr.Engineer**

- Looking after the maintenance of the laid network for giant GSM operators like AIRTEL and Hutchison Group of companies in India.
- Working as a BSS field Engineer for maintaining 400 Nokia BTS and 6 BSC of Airtel Ltd. in North Gujarat cluster.
- Looked after VSWR & Power measurement during offline commissioning and performed online commissioning.
- Handled Indoor/Outdoor Site AT work & successfully commissioned sites of Nokia, Ericson BTS.



- Handled equipments such as Nokia BTS & all Microwave components and coordinated with Nokia experts to solve the critical problems.
- Involved in creation of new Nokia BTS sites, swapping of Motorola BTS sites to Nokia BTS sites and redeployment.
- Ultra to Flexi, Metro to Ultra Swapping.
- Successfully AT completed more than 300 sites
- BTS Site RFI (Ready for Installation), Supervision over Installation of BTS.
- Commissioning & Integration of NOKIA Ultra/Flexi BTS
- Performing the Nokia software downloading, Clock Calibration, Power Measurement, Alarm Testing, Traffic defining (Chain/Loop site) and interface
- (E1/T1) checking in Commissioning operation.
- Also handle special project like GSM antenna height reduction or increase, COW BTS implementation etc
- Troubleshooting and alarm handling of Ultra site and Metro site.
- Performing Swap operation of AIRTEL Ltd. for Nokia.
- Successfully commissioned more than 400 sites and Integrated 350 site in Swap project.
- I have done RF-Survey of Tata-Motorola CDMA Project for 50 sites in Gujarat region.
- I am familiar with ANRITSU, Aricent & BIRD site master and can do VSWR measurement.
- I am also familiar with GPS for Latitude and Longitude Measurement.
- Commissioning & installation of FIU 19(Flexi hopper),
- Supervision of new site of Nokia Outdoor, indoor, Metro BTS.
- Alignment of Microwave antenna(Nokia m/w ,Ericson Minilink)
- I have done RFI (Ready for installation) for new site of Outdoor, Indoor, and Metro BTS.
- I create SDR (site delivery report) for swap and new site of Outdoor, Indoor, and Metro BTS.
- Documentation work for swap and new site like fill-up site-folder, checking Invoice, Quality report fills-up etc...
- Working on E-PM (e-project management).
- RFI for MW Backbone site.
- Handling drive test for all special project activities.
- Liable for the BSS equipment and transmission equipment troubleshooting.
- Responsible for preventive maintenance and corrective maintenance of MW and Radio network Like SDH and PDH.

#### **Achievement:**

- I am NOKIA Certified Engineer/have successfully cleared NOKIA Licensing Examination with distinction.
- I am completed training for Flexi BTS 2.5G
- I have completed Six Sigma Yellow belt training.

#### **Equipment's Expertise:-**

- NOKIA Ultra, Flexi Metro & Multi Radio BTS.
- NOKIA BSC 3i (Ultra/Flexi).
- RF software like Map Info.
- Site Master (Bird/Anritsu)
- Power meter, GPS.
- DU/RDU(Samsung)

#### **Management Skills:-**

- To monitor day to day progress on the project, to be overall responsible for rollout.
- Proficient to work and perform under high pressure situations and meeting deadlines under diverse environments with a proven record of implementing business-centered strategies to contribute to organizational growth and profitability.
- A methodical, result oriented team maker possessing outstanding leadership, communication, organizational and management skills
- Follow up of deliveries and customer acceptance of deliveries of equipment and Implementation, services
- Plans and executes technical tasks according to defined procedures.

## ACADEMIC DETAILS

**B.Tech in Electronics & Communication Engineering 2004**  
North Gujarat University, Patan, Gujarat

## PERSONAL PARTICULARS

Date of Birth	:	17th May 1983
Nationality	:	Indian
State of Domicile	:	Gujarat
Languages Known	:	English, Gujarati and Hindi
Marital Status	:	Married