**RESUME**

**MUKESH KUMAR PAL**

**E-Mail-ID: - MUKESHPALLUCKNOW@GMAIL.COM**

**Mobile No: 9140735457, 09807564015**

|  |
| --- |
|  |

**Career Goals:-**

A Challenging position in Telecom Sector where my technical skills and experience can be utilized for evolving better Engineering Solutions, providing me a progressive and stimulating environment.

**Personal Skills:-**

Comprehensive problem solving abilities, Good verbal and written communication skills, Ability to deal with people diplomatically, Willingness to learn, Team facilitator, Adaptable to varying conditions, Enthusiastic for teamwork

|  |
| --- |
|  |

**Past Role: RF/DT COORDINATION &PLANING**

**Total Work Experience**: 3.10years **(GSM, WCDMA)**

**Current Location- CHANDIGARH**

**Skills (**Coordination**): -**

* + Preparing daily SCFT site & Audit site wise plan.
  + Coordination with 4 team for daily SCFT drive & Audit plan.
  + Collect daily site wise data & submitted data to senior.
  + Planning Re-drive for failed SCFT sites.
  + Sites Optimization like electrical tilt, mechanical tilt, azimuth.

**Telecom Tools Used:**

* + MapInfo 8.5&11.5 tool.
  + Drive test with Ericsson’s TEMS Investigation10 .
  + Knowledge of 2G, 3G.
  + Atoll
  + Asset
  + GlobalMapper10
  + Google Earth

**Indian Telecom circles worked with (Vendor, Operator & Circle Name/location) :-**

1. **ZTE AIRTEL-CHANDIGARH Swapping& 3G OverlayAND DOCUMENTATION (NOKIA to ZTE)[ IWS INDIA PVT. LTD]**
2. **ZTE-AIRCEL-GUARDGAO BSNL PLANING 3G Overlay (ERICSSON to ZTE)[ NUTEK INDIA PVT. LTD]**
3. **ZTE-AIRTEL- CHANDIGARH 3G & 4G SACFA AND DOCUMENTATION (NOKIA to ZTE)[ PHIMETRICS TECHNOLOGIES PVT**
4. **ZTE-TELNORL- HYDERABAD3G & 4G SACFA AND DOCUMENTATION (NOKIA to ZTE)**
5. **AB Network Solutions pvt.ltd overlay (Ericsson ) 2G Airtel**

**Past Employee:**

**Organization: -IWS INDIA PVT LTD.**

**Designation: -RF/DT COORDINATION, PLANNING & RF/DT ENGINEER.**

**1. ZTE-BSNL-GURGAON& 3G NEW (ERICSSON to ZTE)**

**Designation: -PLANING& RF/DT COORDINATION**

**WCDMA(3G)**

* Predation Plots
* Sites Optimization like electrical tilt, mechanical tilt, azimuth.
* Preparing daily SCFT site & Audit site wise plan.
* Coordination with 4 team for daily SCFT drive & Audit plan.
* Collect daily site wise data & submitted data to senior.
* Planning Re-drive for failed SCFT sites.
* Drive test & Field Optimization of New town.
* RF survey for new sites.

**2. ZTE-AIRTEL-CHANDIGARH Swapping & 3G NEW (NOKIA to ZTE)**

**Designation: - RF/DT ENGINEER & RF/DT COORDINATION**

**WCDMA(3G)**

* Preparing daily SCFT site & Audit site wise plan.
* Coordination with 4 team for daily SCFT drive & Audit plan.
* Collect daily site wise data & submitted data to senior.
* Planning Re-drive for failed SCFT sites.
* Sites Optimization like electrical tilt, mechanical tilt, azimuth.
* Drive test & Field Optimization of New town.
* Identification & rectifying Sector & Cable Swaps & other implementation issues.
* Physical survey & validation of difficult sites and proposing solution for it.
* Orientation & tilt changes of existing sites as per planned configuration.
* Cluster drive for a town as per proper optimization.
* Proper optimization for Sites.
* Drive test & Field Optimization of OLD SITES.
* Physical survey & validation of difficult sites and proposing solution for it.
* RF survey for new sites.

**3-ZTE-AIRTEL-Kolkata Swapping (NOKIA to ZTE)**

**Designation: - RF/DT COORDINATION& DOCUMENTAION**

* Preparing daily SCFT site & Audit site wise plan.
* Coordination with 4 team for daily SCFT drive & Audit plan.
* Collect daily site wise data & submitted data to senior.
* Planning Re-drive for failed SCFT sites.
* Sites Optimization like electrical tilt, mechanical tilt, azimuth.
* Drive test & Field Optimization of New town.
* Identification & rectifying Sector & Cable Swaps & other implementation issues.
* Physical survey & validation of difficult sites and proposing solution for it.
* Orientation & tilt changes of existing sites as per planned configuration.
* Cluster drive for a town as per proper optimization.
* Proper optimization for Sites.
* Drive test & Field Optimization of OLD SITES.
* Physical survey & validation of difficult sites and proposing solution for it.
* RF survey for new sites.

**4-ZTE-TELNOR-HYDERBAD Swapping (NOKIA to HUAWEI)**

**Designation: - RF/DT COORDINATION& DOCUMENTAION**

* Preparing daily SCFT site & Audit site wise plan.
* Coordination with 4 team for daily SCFT drive & Audit plan.
* Collect daily site wise data & submitted data to senior.
* Planning Re-drive for failed SCFT sites.
* Sites Optimization like electrical tilt, mechanical tilt, azimuth.
* Drive test & Field Optimization of New town.
* Identification & rectifying Sector & Cable Swaps & other implementation issues.
* Physical survey & validation of difficult sites and proposing solution for it.
* Orientation & tilt changes of existing sites as per planned configuration.
* Cluster drive for a town as per proper optimization.
* Proper optimization for Sites.
* Drive test & Field Optimization of OLD SITES.
* Physical survey & validation of difficult sites and proposing solution for it.
* RF survey for new sites.

**Present Employee:**

Currently working in DDU-GKY project for Margdarshak financial services ltd as a **IT Trainer cum MIS in Madhoganj, Hardoi (u.p.).**

**Responsibities:**

* Teaching the children, the Fundamental Computer, Word, Excel and PPT.
* Inspiring the students to learn the new things and shaping their Future According to the Interest.

**The prime job functions included:-**

* + Find the coverage of the network & to verify different Parameters e.g. Rx level, Rx quality, Cell ID as per defined by the operator.
  + Monitored RSSI, Ec/No.
  + Worked on HSDPA and HSUPA.
  + CQT Testing and SCFT
  + Finding out Pilot Pollution and removed based on Physical Antenna parameter optimization.
* Analysis of **Call Drops, Blocked Calls, Handover Failures**, Excessive Handovers, Congestion, Swapping, Interferences, Poor quality and Poor C/I.
* Checking assigned Handovers and suggesting addition or removal of neighbors.
* Finding the reasons for any poor RX LEVEL, RX QUALITY, CALL DROPS, delayed Handovers & Suggesting the possible solutions.
* Identification of correct Handover Targets for sites on all major & secondary traffic parteries
* Responsible of conducting BCCH Locked Drive Test before and after Height Reduction
* RF Physical Optimization by Antenna up tilting, down tilting and reorientation.

Optimization of the network by changing physical parameters like Mechanical & Electrical tilt, Antenna orientation etc for an optimum Coverage & Quality Optimization.

**Telecom knowledge:-**

Doing DT (drive test), Cluster drive (2g & 3G), Optimization and AT (Acceptance Test) for New sites & Expansion sites and planning (3G & 4G).

**Educational qualification:-**

* Senior Secondary (12th) 50.80 %
* Secondary (10th) 48.00%

**Academic Qualifications:-**

B.Tech. in Electronics &Tele communication from “SAMANTA CHANDRA SEKHAR INST. OF TECHNOLOGY & MGMT SEMILIGUDA” (ORISSA) with 64.7 % in the year 2009.

M.Tech. in Digital communication from “RAM SARU MEMORIAL UNIVERSITY” (LUCKNOW) with 64.0 % in the year 2015.

**Project Undertaken**: -

Completed B. Tech. Final year project as

**“GLOBAL SYSTEM OF MOBILE COMMUNICATION”**

Completed M. Tech. Final year project as

**“PERFORMANCE ANALYSIS OF GENETIC ALGORITHM BASED LAS-CDMA GENERATION”**

**Technical skill:-**

**Operating System :** Microsoft Office – 2007/ XP/ 03, Operating System and Software Installations,

**Languages :** C & C++

Personal Details:-

Father’s Name : MR. SHIV KUMAR PAL

Permanent Address : HOUSE NO: 636/300 INDIRA NAGAR SECTOR-11 TAKROHI BAZAR LUCKNOW (U.P.)

Date of Birth : JULY/03/1985

Language Known : English, Hindi

Marital status : Single

Hobbies : listening soft music, surfing net, playing cricket.

**Declaration**

I hereby certify that the information furnished above is correct and complete to the best of my knowledge and belief.

**Place: LUCKNOW**

**Date: (MUKESH KUMAR PAL)**