**ATINDER PAL SINGH**

Vill. Garhi nazir

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**SUMMARY**

* Seeking a challenging position in a prestigious organization where education and experience can be productively utilized to attain a strong professional growth.
* B.Tech (Electronics & Communication) with 2 Years experience in TELECOM

Department. ( BSS O&M ENGINEER ).

* Expertise in GSM , UMTS , LTE, BROADBAND technology.
* Excellent Communication and Interpersonal Skills. Patient Listener.

**CURRENT DESIGNATION: - BSS ENGINEER**

Idea Cellular Ltd.

**CURRENT PROJECT: - 2G & 3G Augmentation & IDEA 4G .**

**ROLES and JOB RESPONSIBILITES**

* My responsibilities includes deploying and maintaining GSM 2G/3G network especially Base Station Controller, Radio Network Controller (RNC), Base transceiver Station and Node-B, correspondence with Operation and Maintenance Center for Radio, perform Rx and Tx calibration. Also responsible for installation of Microwave Links i.e. Paso Link and Mini Link.
* BSC Operation and Maintenance
* Site configuration as per the given RF plan,
* Definition of cell data & changes in the network configuration as & when required.  
  Maintain and improve the availability of service for 2G, 3G
* Conduct troubleshooting and replacement of units when necessary
* Maintaining and handle HUAWEI BTS ( Huawei 3900 series) and Node B Huawei BTS.
* Maintain and handle different kinds of transport equipments (PDH, SDH, Fiber)
* Perform fault resolution and outage restoration on Access,
* Troubleshooting of Huawei equipments BTS, NODEB, and PDH.
* E1 routing from BSC up to BTS end.
* Analysis of the coverage constraints, as per the coverage complaints being Imposed from the customer end.
* To coordinate with installation and commissioning teams to solve software/hardware related problems.
* Implementing a professional, total quality approach with frequent reviews and monitoring for efficient and cost-effective completion of every project on schedule.
* Experienced test equipment i.e. Power meters, Site master and BER measurement.
* Taking BER measurement for microwave links.
* Carrying out inspection of site which is ready for installation.
* Material identification and verification.
* Feeder/Jumper/MW RF cable, connector as per standards.
* RF cable laying & routing.
* Co-ordinating the work to the engineers and as well as the teams.
* BSC installation and commissioning using online support, E1 configuration in BSC end, E1 extension for integrations, Alarms extension etc...

**Technical Skills & KNOWLEDGE OF:-**

* Networking skills ( Installation & integration )
* Router( static & dynamic routing), switch , Modem , multiplexers configuration.
* Internet , Broadband, wi-fi , Lan & Wan network.
* TCP/IP , IPv4, IPv6, VoIP, IP Technology .
* Protocols like DNS, DHCP, OSPF, TCP/IP, EIGRP, VPN, RIP1, RIP2, FTP, SMTP.
* Gsm , CDMA , TDMA, FDMA, RF Modulation QAM ,FDM Technology.
* Optical Fiber cable , co-axial, Twisted, OTDR .

**Education**

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| --- | --- |
| * **B.Tech in Electronics & Communication Engineering**   Jasdev Singh Sandhu Institute of Engg. & Technology | (May-2013) (64%)  Grade – First Class |
| * **MATRICULATION**   St. Lawrence sr. sec school samana. | (Apr -2006) (60.6 %)  Grade – First Class |
| * **SENIOR SECONDARY**   St. Lawrence sr . sec .school samana. | (Apr-2009) (62%)  Grade – First Class |

**COMPUTER (SOFTWARE & HARDWARE Skills) :-**

* Assemble computer parts , Install Home Router & Modem (wireless) .
* Lan connectivity , printers .
* Excel, Adobe, PowerPoint, word, Windows 7&8.

**TRAININGS & INTERNSHIP**

* 6 month industrial training in NETWORKING on **’’**CCNA**’’** .
* 6 week training in FIBER OPTICS in **AIRTEL**.

**ADDITIONAL KNOWLEDGE**

* Wireless Communication in which I have studied various technical modules related to Telecom Industry these includes:-
* Communication Basics: - RF Propagation, Data Communication in Wireless network, Satellite Communication.
* GSM System: - GSM Architecture-Specification, Subscriber Services, Call flow System, Traffic Management,
* Telecom Technologies: - Wi-Fi, GPRS, EDGE, Internet, WAP.

**PERSONAL SKILLS**

* Ability to analyze, troubleshoot and determine technical problems.
* Excellent academic record.
* Rapid learner with the strong grasping approach
* Excellent communication, analytical & presentation skills.
* Better analytical and problem resolving ability to go the core of the problem for enhancing operations.

**STRENGTHS**

* Analytical /Creative Approach
* Energetic & Dedicated

**PERSONAL INFORMATION**

Fathers name : Mukhtiar Singh

Mothers name : Sukhwinder Kaur

D.O.B : 24/03/1990

Nationality : Indian

Marital status

: Single

Sex : Male

Hobbies : surfing to internet, music.

Languages : English, Hindi and Punjabi

I do here by declare that all the information and the facts stated here in above are true, correct and complete to the best of my knowledge and belief and nothing has been concealed therein.

(Atinder Pal Singh)