**SHARWAN KUMAR**

Mobile: +8801730404048 ~ E-Mail: SHARWAN28@gmail.com

**Middle Managerial Assignments – TELEPORT, DTH, SATCOM, VSAT,**

A technology oriented professional with more than 10 years of experience in the field of Media & Broadcast networks over Satellite. Served few pioneers in Indian Broadcast Industry like Videocon D2H, Planetcast, Indiasign & experience in multi-satellite infrastructure. Installation, Configuration and Commissioning of Teleports, DTH, Vsat. RF Link budget analyses experience and frequency planning, Worked on video compression systems for MPEG-2 and MPEG-4, Configuration of Encoder, Multiplexer, IRD, Modems, modulator, BUC, Upconverters, SSPA, HPA. Well versed with installation and operation of Satellite Antennas ranging from 60cm to 9.3Meter.

* Sound exposure of MCPC, SCPC, DVB-S, DVB-S2, NS3, C and KU & DBS Band, Link budget equations.
* Hands on experience of equipment used in DTH, Cable TV Industries, VSAT, Teleport, Satellite Earth stations and Broadcast field like decoder, encoder, transcoder, STBs, MUX-harmonic Proview. Modulator, Up/Down converters, Transceivers HPA, SSPA, LNA, LNB, antennas, ACU, UPC, Spectrum Analyzer (HP, Anritsu), Promax, Stream analyser etc.
* Well versed with the hands-on experience with Harmonic, Ericsson, Xicom, Novel sat, Radyne, CPI, Scopus, Tandberg, Andrew, Vertex, Anritsu, and many Data Range.
* An effective communicator with excellent relationship management skills and strong analytical, leadership, decision-making, problem solving & organizational abilities.

**OBJECTIVE**

To achieve high career growth through a continuous learning process and become a competent professional, being able to work in a challenging atmosphere making best use of the upcoming technologies.

**EMPLOYMENT RECITAL**

**Designation**- Manager-Teleport

**Company Name**- BEXIMCO COMMUNICATION LTD. DHAKA

**Job Duration**- Dec 2017 to till date

***Job profile & Responsibilities undertaken*:**

* Managing smooth operations of DTH setup including TVRO, Head-end & RF/Teleport.
* Future Head-end expansion planning, System improvisation, Requirement, Preventive Maintenance and Development of current Technology.
* Responsible for communication with several OEM & vendors for required support for any trouble/maintenance if required.
* Actively involve in resource management & efficient utilisation of existing resources & system.
* Participating in process/SOP making & effectively execution to improvise the efficiency.
* Process documents for the preventative maintenance schedule & correction.
* Responsible for intra-department communication to raise requirement & implementation of any suggested changes.

**Designation**- Satcom Associate-SATCOM

**Company Name**- **VIDEOCON D2H LTD.**

**Job Duration**- Aug 2016 to Dec,2017

***Job profile & Responsibilities undertaken*:**

* Managing smooth implementation of SATOM-RF & Head-end planning, System functions, Requirement, Preventive Maintenance and Development of Technology.
* Responsible for Satellite Communication, Uplink/Downlink, Digital Compression Techniques.
* Involvement in link budget preparation, equipment planning & provisioning.
* Operate & Responsible in the Troubleshooting (Modulators/ HPA’s / UPC / LNB / RF Signal generator / Spectrum Analyser / Power Meter / Promax).
* IF-RF skills, Operation in C-Band, Ku-Band, L-band, tracking of satellites using Step tracking, Smart Track methods.
* Core team member in Planning & co-ordination with Satellite operator (SingTel) for effective utilization of satellite bandwidth for multi carrier operation.
* Responsible for the smooth downlink of over 550 channels from 12 different satellites and monitoring of their respective signal levels on PIRD’s & Evertz system.
* Responsible for the Operation, troubleshooting and maintenance of Uplink chain i.e. Modulators, upconverters, switching matrix, 4:1 XICOM HPA’s, RF Power combiners and waveguide switching network, 9.1 Viasat antenna.

**Designation**- Assistant Manager -Teleport

**Company Name**- **PLANETCAST MEDIA SERVICES LIMITED**

**Job Duration**- Apr 2013 to Aug 2016

***Job profile & Responsibilities undertaken*:**

* **Gained excellent working experience in various emerging technologies Digital Video Broadcasting Technologies (DVB-S, DVB-S2), MPEG 2, MPEG 4 Video Compression Systems, Video Streaming, Teleport Systems, VSAT network for Video, data and voice**.
* Gained Hands on expertise on the **Encoders, Multiplexers, Video distribution routers**, monitoring and control applications of **head-end equipment’s**, **NMX (Harmonics)** & NMS system.
* Handled **RF Link budget**, Video contributions and Distribution network, Broadband over Satellite and IP.
* Handled Operation, monitoring & Maintenance of Teleport & Central Access Room, which consists of MCPC up-link chain on multiple Satellites.
* Installation, troubleshoot & maintenance of **VSAT (TDMA)** networks & SCPC link.
* Installation, calibration & preventive maintenance of various types of **RFT, LNA, LNB, SSPA, HPA, BUC & UP Converter, Antennas for VSAT links at HUB**.
* Coordinated with Satellite Operators (**ASIASAT, THAICOM, INTELSAT, INSAT, MEASAT**) for Bandwidth Optimization, Uplink power correction, rain fade, X-pole interference, peaking Antenna in COB.
* Co-ordinated with broadcasters from 200 different channels and maintaining service On-air presence 24/7.
* Maintaining 99% up time for all the services on-aired from ESCL
* Operations and maintenance of E2E Network & Uplink chain for premium customers **like STAR, DISNEY, VIACOM, 9X** etc.
* Monitoring & Operation of Up-linking/Downlink Teleport Operations- To ensure the smooth and error free Up linking/Monitoring of all running channel services

**PROJECT UNDERTAKEN:**

* **Project : HEADEND IN THE SKY(HITS)**
* **Role : Solution Architect & Integrator**
* **Customer Name : Hinduja & Castle Media**
* **Project Duration** : March 2015 to July 2016
* **Project Description**: Planned, designed and successfully executed the installation of Uplink (7 Transponders) & Satellite Acquisition Network. ATP and NOC completed/signed with international integration consultant **BRITISH TELECOM** (BT), UK.
* **Project : STAR SPORTS MIGRATION**
* **Role : PROJECT ENGINEER**
* **Customer Name : STAR SPORTS INDIA**
* **Project Duration :** DEC 2014 to FEB 2015
* **Project Description**: Planned, designed and successfully executed the installation of replicate setup (8:2) at Mumbai for Star Sports services. Migrate transmission from Singapore to India’s Uplink facility with minimal outage counted less than 2 minutes.

**Designation**- Sr. Engineer-SATCOM

**Company Name**- **JANASRI TV**, Bangalore

**Job Duration**- Nov 2010 to Apr 2013

***Responsibilities undertaken*:**

* Operation and maintenance of complete RF Facility needed for error free 24/7 Satellite Broadcasting of services.
* Receiving feeds from different satellites, Bureaus, OB Vans, DSNG, MPLS Links and technical support. Monitoring channel's parameters up to final uplink/downlink are some key responsibility during shift.
* Co-ordinated with Satellite Service provider and Telecom vendors for bandwidth optimization, maintaining QOS, and timely fault resolution.
* Troubleshooting- Immediate trouble shooting of any technical problem in the uplink/ Transmission.

**Designation**- Engineer-Operations & Customer Support

**Company Name: INDIASIGN PRIVATE LTD**, Noida

**Job Duration**- Dec 2007 to Nov 2010.

***Responsibilities undertaken*:**

* Installations for VSAT, Broadcast uplink earth stations, DSNG trucks.
* Handled both teleport as well as DSNG vans operations.
* RF Network Operations: SCPC, MCPC, Multi-satellite, Multi-transponder.
* Coordinated with Satellite Operators for Carrier Access, bandwidth management, power correction and for other issues like Interference of other carrier etc.
* Responsible for the troubleshooting and maintenance of Uplink chain i.e. Modulators, up  
  converters, switching matrix, HPA’s, RF Power combiners and RF Hybrid filters

**EDUCATIONAL CREDENTIALS**

* Bachelor of Engineering in Electronics & Telecommunication from B.S Anangpuria Institute of Technology & Management affiliated to MDU University, Rohtak in 2007.
* 12th from Haryana Board of School Education, Faridabad.
* RHCSA (RHEL7) course completed from Red Hat Training Partner, SUN infosystems, Surat.

***IT Skills: Linux, Windows operating system. Well versed with MS – Office and Internet Applications.***

**PERSONAL PROFILE**

Father’s Name Sh. Ram Chander Singh

Date of Birth 28/04/1985

Gender Male

Languages Known English, Hindi

Nationality Indian

**DECLARATION**

I hereby declare that the presented information is right to my concise and concern.

**DATE: 02SEPT 2018**

**PLACE: Dhaka SHARWAN KUMAR**