




Muhammad Imtiaz Khan


Date of birth: 28/04/1994


Nationality: Pakistani

Gender: Male

CONTACT

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ABOUT ME

Experienced Broadcast Satellite Technician with 7+ years in broadcasting and live event management. Specialized in satellite uplink/downlink systems, ensuring high-quality live broadcasts across multiple regions.

WORK EXPERIENCE

02/11/2017 – CURRENT Islamabad, Pakistan

● **Satellite Broadcast Technician (DSNG Technician)** Geo News Live

- Maintaining DSNG operations of Geo news Live Islamabad, communication equipment, Antennas and A/V cables and conducting field activities.
- . Conducting beepers and live programs from the field via DSNG as well as Fix link. Hands-on experience with the DSNG antenna of Advent Tech and all kinds of Manual antennas.
- Hands-on experience with various outdoor & indoor components of Earth stations antennas/DSNG system including combo communications encoder and modulator Dexin encoder and modulator for Kuband,Black Magic and different types of DVB-S and DVB-S2 Satellite receivers and mx 70, 100 video switcher.
- DSNG Equipment Operation: Operating and maintaining DSNG equipment, including satellite uplink/downlink systems, satellite modems, encoders, and satellite antennas, ensuring seamless transmission of live news content.
- Satellite Uplink Management: Managing satellite uplink operations, including frequency coordination, transmission power management.
- Transmission Protocol Expertise : Implementing and maintaining transmission protocols, including MPEG, DVB-S/S2, and IP-based transmission, to ensure the delivery of high-quality video and audio content during live broadcasts Equipment used during Operations. Modulators; Dexin, Tandberg, Ericsson, Raydine Encoders; Dexin, Tandberg, Ericsson Harmonic Satellite Experience Worked on pak sat 38' East Worked on Asia sat5 105.5' East Working on China Sat 98' East

02/08/2015 – 01/11/2017 Islamabad, Pakistan

● **Satellite Broadcast Technician (DSNG Technician)** Channel 24 News

- Maintaining DSNG operations of Channel 24 news Islamabad, communication equipment, Antennas and A/V cables and conducting field activities.
- Conducted on-site technical checks and troubleshooting to ensure high-quality audio and video transmission.
- Conducting beepers and live programs from the field via DSNG as well as Fix link.
- Hands-on experience with various outdoor & indoor components of Earth stations antennas/DSNG system including combo communications encoder and modulator Dexin encoder and modulator for Kuband,Black Magic and different types of DVB-S and DVB-S2 Satellite receivers and mx 70, 100 video switcher.
- DSNG Equipment Operation: Operating and maintaining DSNG equipment, including satellite uplink/downlink systems, satellite modems, encoders, and satellite antennas, ensuring seamless transmission of live news content.
- Satellite Uplink Management: Managing satellite uplink operations, including frequency coordination, transmission power management.
- Transmission Protocol Expertise : Implementing and maintaining transmission protocols, including MPEG, DVB-S/S2, and IP-based transmission, to ensure the delivery of high-quality video and audio content during live broadcasts Equipment used during Operations.

EDUCATION AND TRAINING

12/05/2022 – 17/10/2024 Lakki Marwat , Pakistan

Master in International Relations University of Lakki Marwat

Website www.ulm.com

08/08/2018 – 13/07/2022 Islamabad , Pakistan

Bachelor of Arts Allama Iqbal Open University Islamabad

Website www.aiou.com.pk

10/08/2011 – 08/06/2013 Lakki Marwat , Pakistan

FSC Pre Engineering Govt Post Graduate College Lakki Marwat

Website www.gpgc.com

17/02/2009 – 20/06/2010 Lakki Marwat , Pakistan

SSC Science Govt High School

LANGUAGE SKILLS

MOTHER TONGUE(S): Urdu

Other language(s):

English

Listening B2

Spoken production B2

Reading C1

Spoken interaction B2

Writing B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

MS Word | MS Excel | PowerPoint | outside broadcast | satellite technician | Broadcast Live | Television production
ENG Operator | DSNG Operator | OB Van Technican | Broadcast Technician | Satellite Uplink | Satellite Downlink
MPEC | DVB-S | DVB-S2 | TV Production | Video Encoding | Video Decoding

EQUIPMENT USED DURING OPERATIONS

Equipment used during Operations

Tandberg Encoder E5714 & Dexin Combo Encoder

Scopus Series Encoder UE9000 & Harmonic Encoder & Erisson Encoder

SSPBM K20 CSE BUC & Wave Stream BUC & Local BUC

I NET Vu Auto Antenna & Patriot 1.2 M Antenna & Map International Antenna & Advent Tech Antenna

MX 70 MX 100 Video Switcher & Black Magic video switcher & SSD Black Magic

Maintaining and operating IRDs of DEXIN and ERICSSON