

avinashvvadi@gmail.com  
+973 35135340  
Flat 43  
Building 825  
Block 813  
Isatown

## AVINASH VADI

### ENGINEER TRANSMISSION



**A Broadcasting technology oriented professional with 11+years of experience in :**

- Terrestrial Communication
  - Satellite Communication
  - Microwave Communication
  - Testing, Implementation
  - TV & FM Channels
  - Operation & Maintenance
  - Installation and Troubleshooting
  - IT & Network Support
- ⇒ Sound exposure of DVBT, DVBT2, DVBS, DVBS2, FM Radio, Analog TV, Microwave Communication, Encoding- SDI (SD, HD), Signal Process (IP, ASI).
- ⇒ Hands on Experience in measuring equipment: TV Analyzer (R&S- ETL), Spectrum Analyzer, Network Analyzer, Wave form monitor, Analog & Digital TV meter etc.
- ⇒ Installation & Operational experience of Broadcast Equipments, Network Equipment.
- ⇒ An effective communicator with excellent relationship management skills, strong analytical leadership, decision making, problem solving and organizational abilities.

### **PROFESSIONAL CONTOUR**

- Experience in Transmission TV (DVBT, DVB-T2 & Analog), Satellite Communication Microwave Communication, FM (DAB& Analog).
- Worked as Transmitter Engineer in MIA Bahrain.
- Worked as Junior Engineer in Mathrubhumi Club FM.
- Bachelor in Applied Electrical and Electronics Engineering.
- Diploma in Electronics from State Board of Technical Education Kerala.
- THSLC in Electronics from State Board of Technical Education Kerala.

### **PROFESSIONAL EXPERIENCE**

#### **Bahrain TV (Ministry of Information Affairs)**

**Designation:** Transmission Engineer (2015 – 2019)



##### **Job Profile**

- Installation, Maintenance, configuring Equipments related to Broadcasting & Transmission (Different types of Encoders, MUX, Modulators, Uponverters, Amplifiers, HPAs, Head-end Servers, Digital Metrics, RF Metrics, Digital Video monitoring Servers, Rf Switches, Splitters, Combiners, UP/Down Converters, Satellite Receivers, LNB, Optical Converters, Telecom equipments).
- Installation, operation and maintenance of Analog and Digital Transmitters (NH7080, THU9, NH8600).

- Analysing & rectifying technical faults of Audio, Video, Networking, satellite link & Fiber link for smooth and continuous transmission.
- Resolving the technical issue of Television & Radio Network
- Transmission Antenna and associated system.
- Responsible for operation, maintenance, Analysing and rectifying technical faults of Terrestrial and Satellite Television and Radio Communication Networks.

**Mathrubhumi Club FM Pvt Ltd**



**Designation:** Junior Engineer (2008-2015)

#### **Job Profile**

- Installation, Maintenance, configuring Equipments Related to Broadcasting & Transmission (RF equipments, telecom equipments, optical equipments, and studio Equipments).
- Installation, operation and maintenance of HARRIS FM Transmitters(Z5CD, ZX1000)
- Maintenance & Operation of audio four way RFS combiner.
- Transmission Antenna and associated system.
- Maintaining & supervision of Electrical Equipments , AMF Panels (PLC Based) etc.
- Used to provide the entire electrical solutions as per requirement.
- Managing of data transmission links-Microwave links, OFC links and ISDN links.
- Configuration and implementation of VLANs, Inter VLAN routing, Voice and data Networks.

#### **TEAM MANAGEMENT**

- Leading, mentoring & monitoring the performance of team members to ensure efficiency in process operations and meeting of production targets.
- Creating and sustaining a high dynamic environment that fosters development opportunities and motivates high performance against team members.

#### **COMPUTER SKILLS**

- Courses done on CCNA&RHCE
- Installation, Assembling & Networking of Computers (LAN, VLAN)
- FTP server, Automation Server.
- Window 10, 8, 7 Window Vista, 2000, XP, MAC OS, Linux, UNIX, MS OFFICE.
- Programming Languages: C, C++,VB

#### **TRAINING AND PARTICIPATION**

1. Training on DVB T2, on sight training from R&S.
2. Training on FM Radio Transmitter.

**PERSONAL INFORMATION**

Father's Name : Krishnan v  
Age : 32  
Date of Birth : 12/10/1988  
Sex : Male  
Marital Status : Married  
Nationality : Indian  
Passport number : P9847369  
Driving License No : 881049450(Bahrain)

I hereby declare that the particulars in the resume are correct to the best of my knowledge and belief.

Place: Isatown, Bahrain

Date : 05/01/2021

AVINASH VADI