

JOB DESCRIPTION OF TELECOMMUNICATION ASSOCIATE

Designation : Telecommunication Associate

Department : Communication Services Group(CSG)

Qualification : B.tech

Years of Experience : 0 - 1 Year

Location : Gurugram

OVERVIEW :

Avendum Technologies is a private limited IT services company headquartered in Gurugram, India. It specializes in software development, web design, cloud computing, custom software development, and business consulting. Avendum's LinkedIn profile describes the company as a dynamic team focused on delivering cutting-edge solutions tailored to clients' needs.

About the Role: -

Are you a recent graduate with a passion for wireless technology and a strong desire to kickstart your career in telecommunications? We are looking for an enthusiastic and driven RAN Associate to join our growing team in Gurugram. This entry-level position is designed to provide comprehensive training and hands-on exposure to the exciting world of Radio Access Networks. You will play a supporting role in ensuring the optimal performance and reliability of our mobile network, learning from experienced professionals and contributing to real-world projects.

SKILLS & RESPONSIBILITIES: -

1. Basic knowledge of mobile network architectures (2G/3G/4G/5G overview).
2. Basic knowledge in RAN technology architecture is essential."
3. A basic understanding of RAN protocol, call flow and parameters knowledge.
4. Comprehensive understanding of protocols utilized in RAN technologies.
5. Assist in monitoring and troubleshooting RAN network performance and alarms.
6. Must have good communication skills and have better understanding of customer handling.
7. Ability to provide onsite support and troubleshooting at customer locations.
8. Inventory/Hardware related knowledge for different OEMs

Qualification :

- **Education:** Bachelor's degree in Telecommunications, Electronics & Communication Engineering, or a related field.
- **Experience:** Required 0 - 1 year experience with basic knowledge in RAN, MW, IP/CORE AND RAN protocols.

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Role Description:

We are seeking a highly enthusiastic, motivated, and technically curious **Junior Telecom Engineer** to join our growing team. This is an excellent opportunity for a recent graduate to kickstart their career in the dynamic telecommunications industry. Under the guidance of senior engineers, you will gain hands-on experience in the fundamentals of telecom network operations, implementation, testing, and maintenance. You will contribute to ensuring the reliability and efficiency of our communication infrastructure, playing a foundational role in both internal projects and client engagements.

Skills & Responsibilities :

- Assist senior engineers in day-to-day network operations, monitoring, and performance checks of various telecom systems.
- Learn to utilize Network Management Systems (NMS) and other monitoring tools to track network health and identify anomalies.

- Should have basic knowledge in wireless communication, Cellular, Transmission and Modulation.
- Hands-on training and mentorship in conducting Line of Sight (LoS) surveys for wireless communication links.
- Exposure to various frequency bands (GHz, MHz) used in microwave communication systems.
- Must have Basic knowledge in Modulation Techniques (QAM, PSK, FSK)
- Must have Basic knowledge of Microwave Network Simulator, Microwave Radios & Transceivers, BTS (Base Transceiver Station), RF Network Optimization ,Transmission & Backhaul Systems
- **Microwave Communication:** Basic concepts of microwave links, antennas, and radio propagation.

Qualification :

- **Education:** Bachelor's degree in Telecommunications, Electronics & Communication Engineering, or a related field.
- **Experience:** 0 - 1year of basic knowledge in telecommunications network , Cellular Communications, wireless communications, MW Transmission,Modulation.