

PROFESSIONAL GOAL

Motivated Telecom & Network Engineering fresher with hands-on knowledge in 4G/5G technologies, RF basics, drive test workflow, EMF concepts, site operations, and network troubleshooting. Skilled with Open5GS, srsRAN, MATLAB, Linux, and networking fundamentals. Willing to work on telecom sites, travel PAN India, and contribute to network maintenance, RF drive test, EMF measurement, and field operations.

CORE TELECOM SKILLS

- 4G/5G Architecture, Interfaces, Protocols
- RF Basics: RSRP, RSRQ, SINR (conceptual)
- Drive Test Workflow: SCFT, CQT, WCT (basics)
- EMF Measurement Concepts
- Network Health Check & L1 Troubleshooting
- Site Operations & Field Activities

TECHNICAL SKILLS

- Networking: Routing, Switching, TCP/IP, IP Addressing
 - Tools: Open5GS, srsRAN, MATLAB, Wireshark, Cisco Packet Tracer
 - OS/CLI: Linux, Shell Commands
 - Programming: Python (Basic)
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PROJECTS

5G NR Downlink Waveform Generation Using MATLAB

- Developed and simulated a 5G NR downlink waveform using MATLAB to analyze signal performance under multipath conditions.
- Strengthened understanding of wireless communication systems and performance evaluation metrics.

5G Network Implementation Using Open5GS and srsRAN Testbed

- Configured and tested a complete 5G network using open-source platforms (Open5GS, srsRAN).
 - Gained hands-on experience in telecom system setup, core network components, and end-to-end connectivity testing.
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TRAINING & CERTIFICATIONS

- **5G Communication Technology** – TNSDC and Cultus Education, covering network architecture, slicing, URLLC, massive MIMO, and deployment concepts. Gained insights into IoT applications, AI integration, and essential job readiness skills.
 - **Network Basics** – Cisco Networking Academy, focusing on computer networks, IP addressing, routing, and network security.
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EDUCATION

Bachelor of Computer Science (B.Sc.) – 75%

Don Bosco College, Yelagiri Hills | 2020 – 2023

Higher Secondary (HSC) – 68%

Don Bosco Matriculation Higher Secondary School | 2018 – 2020

SOFT SKILLS

Resilience | Adaptability | Communication | Teamwork | Problem Solving | Time Management

LANGUAGES

English | Tamil | Telugu

ADDITIONAL INFO

Open to relocation