

GEREMU T.REGASA

NETWORK O&M ENGINEER



+251-917-191-944



geretilahun6@gmail.com



[linkedin.com/in/geremu-tilahun-regasa-865632237](https://www.linkedin.com/in/geremu-tilahun-regasa-865632237)



Ethiopia

About Me

I'm a tech enthusiast with Experienced Telecommunication Network O&M Technician since October 2020. I Specializing in Transmission Networks (OTN, DWDM, SDH, AGG), Radio Access Networks (RAN) 2G/3G/4G Networks, Exploring the possibilities of 5G and Above networks, seasoned installation and repair technician setting up, configuring, and maintaining diverse telecommunication system working with vendors. Configuring Networking Protocols, and programming (C++, Java, Python), Along with strong educational background, I possess excellent relationship building, strong analytical presentation, problem-solving skills & communication skills with demonstrated success in working both alone and as part of a team.

Ethio Telecom

Oct 2020 - Present

Transmission Network Technician

Responsibilities.

- Installing optical cable, patch cord, and configuring Switches, & Routers.
- Monitoring and troubleshooting legacy equipment like SDH, DWDM & OTN.
- Perform turn-up, testing, troubleshooting, T1's, Ethernet, IP, DWDM, and OTN system.
- Experience in operation of OTN, SONET, SDH, DWDM, and GigE based long-haul, and metro transport network, wavelength system and digital cross-connect system.
- Alarm Monitoring & Reporting, Circuit Provisioning (Configuration) and Fault Management (Trouble Shooting) of SDH, DWDM & OTN Network Elements of power grid optical transmission network (core & access network) by using ZTE (NetNumen), Fiber Home NMS
- Performing software upgrades to the OAM module of NodeB and RAN equipment provisioning, and network integration .
- Capacity up gradation of links from STM-1 (or STM-4) to STM-4 (or STM-16) & STM-16 to STM-64 & Insert new Network Elements in exists rings.

Experience

- Extensive hand on experience with LAN/WAN, L2/L3, Traffic Engineering IP/MPLS, switching routing protocol (BGP, OSPF, EIGRP), and routed protocol (TCP/IP).
- Coordinating with customer to isolate and fix problem.

Ethio Telecom
Paid Internship

Oct 2017 - Feb 2018

Experience

- Study new products and technologies and determine their use and compatibility with existing ones or with equipment from different vendors (ZTE, Huawei, Nokia).
- Assist Telecom Analysts with project implementation
- Design and implement computer and information networks, including WAN and LAN.
- Configuring Cisco routers and Switches to build office, and enterprises LAN .
- Prepare network diagram and documentation
- Troubleshooting computer network problem.

2022

Jimma University
M.Sc Communication Engineering

CGPA : 3.56
Research: **Very Good**

2018

Jimma University
B.Sc Electrical & Computer Engineering

CGPA : 3.50
Focus Communication Stream

Education

2012 - 2013

Bako Preparatory School

Grade 11 & 12

2009 - 2011

Bako Secondary School

Grade 9 & 10

Language

- A/Oromo
- Amharic
- English

Skills and Expertises

- Motivated & Smart working
- Very Systematic & Goal Oriented
- Good Communication Skill
- Hardware Integration & Commissioning
- TCP/IP, WAN/LAN
- Diagnostic & Troubleshooting
- Installation & Maintenance
- Programming Language
- Flexible when Required

Certificates

Huawei Global Training Center

- DWDM - OTN Equipment Operation & Maintenance
- HUAWEI Software Defined Networking (SDN) Training
- HUAWEI In-Building Wireless Network Design
- HUAWEI Network Function Virtualization (NFV)

Cisco Networking Academy

- Cyber Ops Associate April 23, 2023
 - Cyber Security Essential April 05, 2023
 - Networking Devices and Initial Configuration 2022
 - Introduction to Cybersecurity May 04, 2022
 - CCNA (Cisco Certified Network Association) 2017
-

Honors & Awards

1. Recognition Certificate Issued By Ethio Telecom

Nekemte, Ethiopia

- In recognition of Outstanding Performance Under West Region Wireless Section for 2021/2022 Budget Year.

2. Jimma University Full Masters Scholarship winner 2018

Jimma, Ethiopia.

3. Certificate of Participation Issued by Solve IT Innovation Regional Hub Competition

Jimma, Ethiopia

4. Appreciation Certificate Issued by Jimma University

- The appreciation Certificate is awarded for the recognition of outstanding performance on the final year Graduate project
-

Technical Expertise

- KPI throughput testing
 - 256 QAM DL& 64 QAM UL
 - IDU/ODU Ipasolink Configuration
 - Circuit Provisioning
 - Fault Management
 - Alarm Monitoring
 - Testing Fiber Optic link
 - TDM multiplexer legacy
 - BTS site management
 - Wire shark Networking Tool
 - Netnumen, E300, & LMT
 - Basic IP networking
-

References

1. **Dr. Kinde A. Fante (PhD)**
Associate Professor,
Faculty of Electrical
and Computer Engineering
Jimma University
kinanlay@gmail.com,
0963452401

2. **Mr. Talaku Getahun Habte**
Wireless Network O&M Manager
Ethio Telecom
getahuntalaku@gmail.com,
0917570611

3. **Mr. Aboma Shuramu Bobo**
RAN & Core Supervisor
Ethio Telecom
aboshure@gmail.com
0911053597