# Tesfaye Dinku Daba

## *Electrical and Computer Engineering*

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## PROFILE

Dedicated IT Officer with strong technical and troubleshooting skills in networking, system administration, and hardware/software support. Experienced in managing virtual machines, configuring network devices, and assisting users with IT-related issues. Familiar with Linux systems, VMware environments, and automation tools like Ansible and Terraform. Eager to provide reliable technical support and contribute to efficient IT operations in a fast-paced organization.

## EDUCATION

**Bachelor of Science in Electrical and Computer Engineering**
*Addis Ababa University*　　　　2021 – 2025
　　CGPA: 3.51/4 and Exit Exam 76/100

## PROFESSIONAL EXPERIENCE

**Fixed-Line Network: 4 months Internship**　　　　17/10/2024 – 17/01//2025
*Ethiotelecom*　　　　　　　　　　　　　　　　Addis Ababa, Ethiopia
- Gained hands-on experience at Ethio Telecom in fiber optics splicing, testing, and troubleshooting for fixed line networks.
- Supported network setup and maintenance, monitored performance, and enhanced system reliability for end users.
- Collaborated with technical teams in the field to ensure smooth implementation of network solutions.

**Networking: 4 months Internship**

*Information Network Security Administration (INSA)*　　31/10/2024-01/01/2025

- Contributed to network design and configuration for institutional infrastructure.
- Planned and designes secure, scalable network solutions.
- Collaborated with IT teams to optimize network performance and reliability.

## PROJECTS

- AI-Powered Car Collision Warning System – Designed and implemented an object detection & ultrasonic sensor system for real-time driver safety alerts.
- Network Design Proposal for CBE Bank – Created a 3-tier hierarchical network with VLAN segmentation, IP addressing, DHCP, routing, and IPSec VPN for secure banking communication.
- Web and AI Inference Service deployment on linux Virtual Machine

## SKILLS

### Technical Skills
- Networking: IP addressing, VLAN, routing, troubleshooting, Cisco Packet Tracer
- Programming: Python, C++, Java, Arduino, Proteus, LTspice
- AI & Computer Vision: PyTorch, Roboflow
- IT Systems: System installation, hardware/software troubleshooting
- Tools: Git/GitHub, Linux CLI, VMWare/Virtual Box

### Soft Skills
- Collaboration & Communication
- Problem-Solving & Analytical Thinking
- Adaptability & Organization
- Continuous Learning

## Languages

- English- Fluent
- Amharic- Native
- Afan Oromo- Native

## Awards and Certifications

- 5G for Business and Entrepreneur, given by AALTO university, Finland and Addis Ababa Institute of Technology, Ethiopia
- Cisco Networking Academy – Certificate of Completion
- HCIA-Datacom(Huawei Talent)-Certificate of Completion
- 5 million Ethio coders: 4 courses

## Reference

- Available up on request