

# Befikadu Tesfaye

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[Website](#)  
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## EDUCATION

### Geressie Secondary School

High school Diploma

SNNP, Ethiopia

2022

### Addis Ababa Science and Technology University (AASTU)

BSc in Electrical and Computer Engineering

Addis Ababa, Ethiopia

Expected Graduation: 2027

## SKILLS SUMMARY

**Cybersecurity Skills:** Vulnerability Assessment, Penetration Testing, Digital Forensics

**OS Environments:** Kali Linux, ParrotOS, Windows (10/11), Ubuntu Server

**Programming:** Python, Bash, PowerShell, C++, JavaScript

**Tools & Platforms:** Burp Suite, Metasploit, Wireshark, Nmap, Hydra, John the Ripper, Nessus, FlareVM, REMnux, Splunk

**Other:** Git, VirtualBox, VMware, Hyper-V, TryHackMe, Hack The Box

## WORK EXPERIENCE

### Information Network Security Agency | *National Cybertalent*

Aug 2024 – Present

- Hands-on experience in ethical hacking, malware analysis, and machine learning for threat detection.
- Performed system vulnerability assessments and network exploitation scenarios.

### Buna Byte Cybersecurity | *Founder and Course Instructor*

Apr 2024 – Present

- Conducting a hands-on ethical hacking bootcamp covering attack simulations and defense strategies.
- Empowering aspiring ethical hackers with practical skills, free of charge.

### AASTU Cyber Security Club | *Technical Team Lead*

Jan 2025 – Present

- Mentoring students in penetration testing, malware analysis, and CTF strategies.
- Leading workshops and cybersecurity awareness events.

### Try Hack Me | *Penetration Tester*

Aug 2025 – Present

- Identify and exploit security vulnerabilities in networks, applications, and systems to strengthen an organization's cybersecurity posture.
- Conduct controlled cyberattacks using industry-standard tools like Burp Suite, Metasploit, Nmap, Nessus, Wireshark, and Kali Linux to assess and improve security defenses.

## PROJECTS

### Malware Detection & Analysis using ML | [LINK](#)

Oct 2024 - Nov 2024

- Tool designed to provide users with an intuitive interface for analyzing and detecting malware in various file formats.
- This project leverages both static analysis through the API and advanced machine learning techniques to ensure comprehensive threat assessment.
- MDAML is created to address the need for an accessible and user-friendly platform that enables efficient malware analysis for files, URLs, and executables.

### Cybersecurity Content Creation | [LINK](#)

Aug 2024 – Present

- Creating engaging and educational cybersecurity content on YouTube, covering ethical hacking, penetration testing, and security fundamentals.

## CERTIFICATIONS

### Google Cybersecurity Professional (Google) | [LINK](#)

Jan 6, 2024

- Protect networks, devices, people, and data from unauthorized access and cyberattacks using Security Information and Event Management (SIEM) tools.
- Identify common risks, threats, and vulnerabilities, as well as techniques to mitigate them.

### Certified SOC Analyst (cybertalents) | [LINK](#)

April 2025

- Understand core SOC operations, roles, and responsibilities.
- Perform real-time threat detection, monitoring, and incident response.
- Work with SOC tools and technologies in simulated attack environments.

### Certified Threat Hunter (cybertalents) | [LINK](#)

April 2025

- Understanding the principles of threat hunting and its role in cybersecurity.
- Utilizing various tools and techniques for threat detection and analysis.

### Certified Open Source Intelligence Analyst (cybertalents) | [LINK](#)

April 2025

- Understanding the principles of Open Source Intelligence (OSINT) and its applications in cybersecurity.
- Analyzing and interpreting data from multiple sources to derive actionable intelligence.