

Hailemichael Solomon

Addis Ababa, Ethiopia | hailemichaelsolomon176@gmail.com | +251931503581

[Github](#) | [Portfolio](#) | [LinkedIn](#)

Education

B.Sc., Information Technology

Hawassa University

Relevant Courses: Advanced Programming, Operating Systems

2024 - Present

Computer Organization and Architecture, Data Structures and Algorithms

Data Communication and Computer Networks.

Professional Experience

Cyber Domain Lead, Peak Craft

Oct 2025 - Present

- Led a 12+ member of the cybersecurity domain team organizing technical sessions, 4 labs, and CTF practice.
- Coordinated members working on security tools and guided project development and testing.
- Helped structure learning paths around Linux, network analysis, and vulnerability testing.

Cybersecurity Graduate, INSA Summer Camp

Jul 2025 - Nov 2025

- Developed an IoT-aware IDS, by working in a team combining host-based and network-based monitoring, the outcome was detection of 70% of simulated network intrusion attempts and 30% of suspicious host activities.
- We implemented malware detection, by writing 20+ detection rules and integrating email notification systems. The outcome was real-time alerts for >80% of simulated malware behaviors.

Projects

[SQLI vulnerabilities Scanner \(Python\)](#)

- Developed a Python-based SQL injection scanner, by implementing 20+ automated payload tests and response pattern analysis, and outcome was detection of SQL injection vulnerabilities across 10+ tested input endpoints.

Network Intrusion Detection System (NIDS)

- Designed and built an IoT-aware intrusion detection system, by analyzing 700+ network packets including MQTT traffic, and the outcome was detection of suspicious behavior in 2% of IoT traffic.

Python Speech Assistant

- Developed a voice-controlled assistant using Python for executing system commands and automating basic tasks.

[WealthWise Books](#)

- Built a full-stack web application for book management, by implementing 10+ database-connected features (inventory, user actions), and the outcome was a functional system capable of managing 100+ book records and user interactions.

Certifications

INSA 4th Batch Cybersecurity

Summer Camp Graduate

CompTIA Security+ (SY0-701) Coursework

[Threats, Vulnerabilities, and Mitigations](#)

[TryHackMe – Pre Security \(New\) Path](#)

[SecurityArchitecture](#)

[Network Security Course – Udemy](#)

[Security Operations](#)

[Intro to Cyber Security – SkillUp](#)

Skills

Technical: Linux, C++, PHP, Java, Networking, Nmap, Burp Suite, Nessus, Metasploit, Wireshark, OSINT tools,

Soft Skill: Problem-solving, quick learner, disciplined self-study

Languages

Amharic (C2), English (C1), Arabic (A2)

References

biniyam@ethioware.org, President, PCIC