Milton Silas
Cybersecurity Analyst & Cisco Instructor

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Career Summary

I am a certified cybersecurity analyst and Cisco IT Essentials instructor with strong expertise in network security, ethical hacking, and system administration. I deliver hands-on training, mentor learners, and simplify complex IT and cybersecurity concepts. My goal is to advance my expertise in cybersecurity operations and contribute to safer digital environments.

Education & Certifications

- **Cyber Shujaa** – Certificate, Cybersecurity Analyst, 2025
- **Cisco Networking Academy** – Certificate, IT Essentials, 2025
- **AFRALTI** – IT Essentials Course
- **HP Foundation** – Agile Project Management Certificate
- **HP Foundation** – Cybersecurity Awareness Certificate
- **Beyond Success** – Leadership Development (Zicron Quarts Cohort 8)

Professional Experience

Cisco Instructor & Cybersecurity Trainer – Missions of Hope International (Jan 2025 – Present)
- Deliver the **IT Essentials course** to learners (Grade 5–8 and adults), focusing on hardware, networking, and basic cybersecurity.
- Design **hands-on labs, workshops, and practical exercises** to help students move from theory to real-world application.
- Simplify complex technical concepts using interactive teaching methods, visuals, and guided walkthroughs.
- Develop training materials and guides to enhance student learning outcomes.
- Mentor learners to build foundational IT skills and cybersecurity awareness.

Skills

Cybersecurity: Vulnerability Assessment, Penetration Testing, Threat Detection, Ethical Hacking, Risk Assessment, Incident Handling
Networking / IT Essentials: Hardware & Software Setup, Network Configuration, Troubleshooting, System Administration
Training / Teaching: Curriculum Development, Hands-on Labs, Learner Mentorship, Simplifying Technical Concepts

Creative / Digital Skills: Web Development, Graphic Design, AI & ChatGPT Content Creation
Soft Skills: Communication, Leadership, Attention to Detail, Problem-Solving, Positive Attitude

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Projects *(from portfolio)*

- **AI Threat Detector** – Python-based AI tool for detecting malicious activity (GitHub: milton511/ai-threat-detector)
- **Milton Graphics & Web Design** – Portfolio website showcasing web development and cybersecurity projects (milton511.github.io)
- **Cybersecurity Learning Modules** – Developed interactive exercises and guides for students on networking, hardware, and cybersecurity basics

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