

Moemen Mohamed Fawzy

Cybersecurity Analyst | SOC Analyst | Information Security Professional

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[moemenshendia0-tech.github.io/portfolio](https://github.com/moemenshendia0-tech)

PROFESSIONAL SUMMARY

SOC-focused Computer Science student at MUST with hands-on experience in network security monitoring, log analysis, vulnerability assessment, and security automation using Python and Linux tools. Certified in CCNA, CEH, and Linux Essentials.

TECHNICAL SKILLS

Security Tools: Kali Linux, Wireshark, Nmap, Metasploit, Burp Suite, Packet Tracer, Huawei eNSP, SIEM (Splunk, IBM QRadar), IDS/IPS

Networking: TCP/IP, OSI Model, DNS, DHCP, VPN, Firewall Configuration, Network Monitoring, CCNA, Subnetting

Programming: Python (log parsing, alerting, automation), Bash, Shell Scripting

Platforms: Linux (Kali, Ubuntu), Windows Server, VirtualBox, VMware, Git, GitHub

PROFESSIONAL EXPERIENCE

IT Security Support Intern

Egyptian Contracting Company | Dokki, Egypt | July 2024 – August 2024

- Monitored internal network traffic across 50+ endpoints, identifying and escalating 5+ suspicious activity patterns to the security team.
- Implemented role-based access controls across 3 database systems, reducing unauthorized access risks and enforcing data integrity policies.
- Analyzed system logs to detect anomalies and support incident triage, contributing directly to the organization's threat awareness program.
- Collaborated with cross-functional IT and security teams to document incidents and deploy corrective measures aligned with security policy.

PROJECTS

Automated Security Alert System

github.com/moemenshendia0-tech | Python, Bash, Linux

Engineered a Python-based security monitoring tool that parsed system logs in real time, automatically flagging anomalous behavior and triggering instant alerts. Monitored multiple log sources simultaneously, reducing manual detection effort and simulating core SOC alert workflows.

Website Uptime Monitor

github.com/moemenshendia0-tech | Python, Bash, Linux

Implemented a Bash and Python command-line tool that continuously monitored 10+ web services, logging downtime events with precise timestamps and triggering automated alerts — replicating SOC-level service availability monitoring.

Automated Network Connectivity Tester

github.com/moemenshendia0-tech | Python, Networking

Automated network reachability testing across multiple endpoints using Python, logging response times and flagging unreachable hosts. Processed connectivity checks across 20+ nodes, directly applicable to SOC network health monitoring operations.

Hospital Management Appointment System (HMAS)

github.com/moemenshendia0-tech/HMAS | Python, SQL, Database Management

Engineered a full-featured hospital appointment management system handling patient scheduling, doctor assignments, and appointment tracking. Demonstrates database design, backend logic, and secure data management principles applicable to enterprise security environments.

Edge Detection Model

github.com/moemenshendia0-tech/edge-detection-model | Python, OpenCV, Machine Learning

Built a computer vision model for edge detection using Python and OpenCV, applying image processing and machine learning techniques to analyze visual data.

EDUCATION

Bachelor of Computer Science

Misr University for Science and Technology (MUST) | Egypt | Expected: June 2027

- Relevant Coursework: Network Security, Operating Systems, Database Systems, Data Structures, Algorithms, Software Engineering.

CERTIFICATIONS

- **CCNA (Cisco Certified Network Associate)** — National Telecommunication Institute (NTI)
- **Certified Ethical Hacker (CEH)** — Cisco Networking Academy
- **Linux Essentials** — Cisco Networking Academy
- **Cybersecurity and Networking** — Huawei
- **Artificial Intelligence** — Huawei
- **Artificial Intelligence** — The British University in Egypt
- **IT Skills and Career Development** — Mahara Tech (ITI)
- **Technical Security Training** — Egyptian Contracting Company