

Munzer Elsarafandi

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PROFESSIONAL SUMMARY

3rd year Information Systems student with hands-on experience in systems monitoring, networking, and security-aware operations. Familiar with IT infrastructure, SIEM tools, and incident response fundamentals. Seeking an Information Systems co-op placement.

EDUCATION

BSc in Cybercrime IT Security

South East Technological University (SETU) • 2026 (Expected)

Relevant Modules: Networking & Security, Risk Assessment, Incident Handling, Cybercrime, Cryptography, Penetration Testing.

PROJECTS

Security Monitoring & Incident Response Lab

Built a personal SOC-in-a-box lab using Prometheus, Grafana, and Fail2ban to monitor server metrics, configure real-time alerts, and block brute-force attacks during intrusion testing scenarios.

Technologies: Prometheus, Grafana, Fail2ban

Web Application Security Assessment

Performed manual and automated security testing on a vulnerable PHP web application using OWASP ZAP, identifying and documenting critical vulnerabilities including XSS, SQL injection, and authentication flaws. Provided remediation recommendations with severity ratings.

Technologies: OWASP ZAP 2.16.1, PHP, HTML/JS payloads, DevTools

Advent of Cyber 2025 – TryHackMe

Completed 25-day labs on SOC operations, security monitoring, alert analysis, and incident response, enhancing defensive skills against attacker techniques.

Technologies: Splunk, ELK Stack, Wireshark, Zeek, Burp Suite, Linux

SKILLS

- **Networking & Systems:** IP Addressing, LAN/WAN Fundamentals, Windows Administration, Linux System Management, Patch Management.
- **Cybersecurity & DFIR:** Incident Handling & Reporting, Log Analysis, Security Monitoring, Risk Assessment, Configuration Hardening.
- **Tools & Platforms:** Wireshark, Nmap, Kali Linux, Splunk, ELK Stack, Cisco Packet Tracer, Prometheus, Grafana, Fail2ban, Microsoft 365, Virtualization Technologies, Git .
- **Programming Scripting & Automation:** Python, Bash/Shell, PowerShell, Java , Beginner to (Go, React)

EXPERIENCE

Network Expert & eSports Coordinator

SEF | Riyadh, Saudi Arabia • 2021 - 2022

- Diagnosed and resolved network issues using VirtualBox, VMware, and packet analysis tools during live gaming streams for 100+ viewers.
- Built and moderated online communities on Discord, Twitch, and YouTube, enforcing rules and managing conflicts for communities of hundreds of members.

Restaurant Server

Teach Dolmain | Carlow, Ireland • 2019 - 2021

- Emphasize teamwork, pressure handling, problem-solving, customer communication.
- Collaborated with kitchen and front-of-house teams in a high-pressure environment to resolve issues quickly and maintain service quality.

Volunteer - Student Team Leader - Carlow

- Led a student team in fundraising and awareness activities supporting Alzheimer's patients.

CERTIFICATIONS

TryHackMe Pre-Security Path TryHackMe • Completed

CompTIA Security+ CompTIA • In Progress

eJPTv2 - Junior Penetration Test INE • In Progress