

Reza Razm | *Cybersecurity Specialist*

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Profile

First-class Cybersecurity graduate with expertise in vulnerability research, incident response, and cloud security. Skilled in advanced tools like Ghidra, IDA Pro, and SIEM platforms for enhanced threat detection and protection. Proven track record in deploying security measures, ensuring ISO 27001 and NIST compliance, and optimizing security operations through automation and scripting.

Key Skills and Tools

- **Reverse Engineering & Vulnerability Research:** Expert in using Ghidra and IDA Pro for analysing software vulnerabilities across ARM, AARCH64, x86, and x64 architectures. Skilled in ethical hacking and developing proof-of-concept exploits using C, C++, Python, and assembly.
 - **Security Engineering & Infrastructure:** Proficient in deploying SIEM tools like Microsoft Sentinel and Splunk for real-time threat monitoring. Implemented EDR systems to enhance threat visibility and configured firewalls, IDS/IPS to protect network infrastructure.
 - **Cloud Security & Operations:** Experienced in securing Azure and AWS environments, utilizing Azure Defender and Sentinel for compliance with ISO 27001 and NIST standards. Gained insights into cloud security automation using Ansible through dissertation research.
 - **Incident Response & Management:** Skilled in threat modelling, penetration testing, and forensic analysis to proactively manage security incidents. Developed disaster recovery plans to ensure business continuity and mitigate cyber threats.
 - **Automation & Scripting:** Automated threat detection and response using Python, Bash, and PowerShell, reducing manual tasks. Leveraged Ansible for standardized configuration management across platforms.
 - **Data Protection & Privacy:** Implemented encryption, key management, and PKI for data security. Ensured compliance with GDPR, PCI DSS, and Cyber Essentials Plus through rigorous security assessments.
 - **Application & Network Security:** Conducted penetration testing on web, mobile, and desktop applications using Burp Suite, Metasploit, Nmap, and Nessus. Designed secure network architectures with WAF and VPNs to prevent unauthorized access.
 - **Operational Technology (OT) Security:** Secured ICS/SCADA systems by adhering to IEC 62443 standards, enhancing the security of control and instrumentation systems.
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Professional Experience

Theatre Room Support Worker

Countess of Chester Hospital NHS, Chester | May 2022 – Present

- Innovated an automated system for IT tasks in surgeries, boosting efficiency and reducing errors.
- Supported the orthopaedic team by streamlining workflows, improving operational effectiveness.

IT Internship – Cybersecurity and IT Infrastructure

Chester Zoo, Chester | June 2023 – September 2023

- Enhanced IT security by deploying advanced firewalls and intrusion detection systems, reducing exposure to cyber threats.
- Conducted vulnerability assessments and compliance audits to align with ISO 27001 standards, strengthening the overall security posture.
- Assisted in the setup and configuration of SIEM and EDR solutions, improving threat detection and response capabilities.

Web Developer & Security Analyst

Youth Glow, The Teaching Executives, & Aqua tropics, UK | December 2023 – April 2024

- Built and secured websites and web applications, focusing on mitigating risks from SQL injection and cross-site scripting (XSS) attacks.
- Conducted security audits and vulnerability assessments, ensuring robust protection across multiple platforms.
- Provided cybersecurity training, contributing to a 30% reduction in security incidents by enhancing team awareness and adherence to best practices.

Education

BSc (Hons) Cybersecurity

University of Chester, UK | 2021 – 2024 | First Class Honors

- **Dissertation:** Automated cloud security measures using Ansible, resulting in a 25% reduction in operational costs.
- **Relevant Modules:** Digital Forensics, Ethical Hacking, Network Security, Cloud Security, Incident Response, Risk Management, Cyber Threat Intelligence.

Certifications & Professional Development

- CompTIA Security+ (In Progress)
- AWS Academy Cloud Foundations (In Progress)

Leadership & Extracurricular Activities

- President and Captain of the University of Chester Water Polo Team, showcasing leadership, strategic planning, and effective team collaboration.
- Engaged in cybersecurity workshops and industry seminars to stay current with emerging security threats and innovative defence strategies.

References available upon request. No visa sponsorship needed