

Samuel Woniowe

Cyber Security Graduate · MSc Cybersecurity · Sheffield, UK

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PROFILE

MSc Cybersecurity graduate with around six years as a web and frontend developer, now moving into security. Hands-on experience across threat intelligence, penetration testing, security auditing and network defence, built through MSc coursework and a home SIEM lab. Known for reading evidence carefully, documenting findings clearly and learning fast. Seeking a first security analyst role in a SOC or GRC team, and open to IT support.

CERTIFICATIONS

- ISC2 Certified in Cybersecurity (CC)
- ISO/IEC 27001 Lead Auditor
- CompTIA Security+ (SY0-701) — exam booked, November 2026

TECHNICAL SKILLS

Security operations: Wazuh, Suricata, Splunk, SIEM monitoring, alert triage, incident response, MITRE ATT&CK

Threat intelligence & forensics: Wireshark, NetworkMiner, CyberChef, VirusTotal, OpenCTI, VECTR, IOC analysis

Offensive security: Nmap, Metasploit, enumeration, exploitation and privilege escalation (Hack The Box, TryHackMe)

Governance & risk: ISO/IEC 27001:2022, Annex A controls, auditing, risk assessment, UK GDPR

Networking & systems: Cisco IOS, ACLs, AAA/RADIUS, IPsec VPN, firewalls, IDS/IPS, Windows, Linux, macOS, VMware, Azure

Development & data: JavaScript, web apps and APIs, Python, SQL, WEKA, documentation

EDUCATION

MSc Cybersecurity — Sheffield Hallam University

2025 – 2026

- Modules: Cyber Threat Intelligence & Digital Forensics, Standard-Based Security Audit & Assessment, Network Security, Hacking Techniques & Countermeasures, Network & Information Security.
- Dissertation: machine-learning prediction of cyber-attack types against healthcare organisations (seven classifiers in WEKA, fold-safe resampling).

BSc (Hons) Computer Science — Federal University Otuoke, Nigeria

2015 – 2019

- Technical Lead, Google Developer Student Club (2018 – 2019): ran technical sessions and supported fellow students' projects.

SECURITY PROJECTS & COURSEWORK

Threat Intelligence Investigation — MSc coursework

- Reconstructed an infostealer attack chain from a packet capture using Wireshark and NetworkMiner; mapped it to MITRE ATT&CK, produced IOCs and loaded them into OpenCTI, and wrote prioritised recommendations under UK GDPR breach duties.

Penetration Testing (Hack The Box) — MSc coursework

- Assessed two lab machines end to end under the PTES methodology — enumeration, exploitation and privilege escalation to administrator — then documented the mitigations for each weakness found.

ISO/IEC 27001:2022 Security Audit — MSc coursework

- Audited a case-study organisation: role-based interview questions tied to clauses and controls, nonconformity reports supported by evidence, and a junior-auditor guidebook covering planning, evidence and reporting.

Cloud Security Assessment — MSc coursework

- Produced a defence-in-depth plan for a multi-tier Microsoft Azure application: identity hardening (MFA, Conditional Access, PIM, Key Vault), WAF and private endpoints, and centralised monitoring.

Home SIEM Lab — ongoing

- Built and run a lab with Wazuh (SIEM/XDR) and Suricata (IDS) across Windows and Linux VMs; generate activity, triage the alerts and write up each investigation. Continuing practice on Hack The Box and TryHackMe.

PROFESSIONAL EXPERIENCE

Frontend Developer — Akaani (remote)

Nov 2021 – Jul 2025

- Built the company's first website and worked across its web apps and the Akaani mobile app (Android).
- Set up product analytics that measured usage without collecting users' personal data.

Frontend / Web Developer (contracts) — Altostrat Networks, Nectarium & LightEd

- Built dashboards for a network security platform; set up a product frontend connected to its APIs; rebuilt a social enterprise's website to work on mobile — each delivered with a documented handover.

Freelance Web Developer — self-employed

2019 – 2021

- Built websites and backends for small businesses, and was often their first point of contact for login, email and device problems.

Door Supervisor (SIA licensed), weekends — alongside study

Nov 2025 – present

- Customer-facing work under pressure, with accurate incident reporting.