JOSHUA VICARY

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Available Immediately

PROFESSIONAL PROFILE

Cyber Security graduate and Software Engineer with three years of commercial experience delivering software projects at enterprise scale, including Swisslog's largest contracted project. Holds a BSc (Hons) 2:1 in Cyber Security from De Montfort University and brings a strong foundation in penetration testing, forensics, cryptography and network security developed across both academic study and professional practice. Has worked on international projects in Malaysia and Germany, communicating complex technical concepts across multidisciplinary teams of up to 24 people. Now seeking a trainee or entry-level role in Cyber Security to transition fully into the field and build a long-term career in threat analysis, security operations or ethical hacking.

KEY ACHIEVEMENTS

- International Project Delivery: Completed extended working placements in Malaysia and Germany as part of international software engineering teams, delivering complex projects across different time zones, cultures and technical environments. Developed strong skills in communicating precise technical concepts clearly to stakeholders with varying levels of software knowledge.
- Swisslog Largest Contracted Project: Selected to serve as both Software Engineer and Tester on Swisslog's largest ever signed project, working within a cross-functional team spanning software, controls and testing disciplines. Contributed across the full delivery lifecycle from development through to quality assurance.
- Graduate Programme Completion: Successfully completed Swisslog's graduate training programme, rapidly acquiring commercial proficiency in Java, XML, JSON, Oracle DB, Postgres and Docker alongside existing academic skills, and applying them to live enterprise logistics systems.
- Cross-functional Team Experience: Operated effectively within teams ranging from 2 to 24 people across small and large-scale projects, adapting to different project structures, working styles and technical requirements throughout a three-year commercial career.
- Security and Forensics Self-Development: Actively pursuing SOC analytical skills through TryHackMe alongside commercial employment, building practical knowledge of security operations, threat detection and incident response to complement academic grounding in penetration testing, Windows and Linux forensics, Wireshark and ICS security.
- Engineering Partnership Award: Received the Golden Crest Award in 2018 in partnership with Mettis Aerospace Engineering, alongside a Level 3 Aerospace Engineering qualification, awarded upon successful completion of a development project undertaken at school.
- Holder of the Duke of Edinburgh Award.

TECHNICAL SKILLS

- Languages and Development: Python (4 years), Java (3 years), XML (3 years), HTML and xHTML (3 years), SQL (3 years), C Programming (1 year).
- Security and Forensics: Penetration Testing (3 years), Windows Forensics (1 year), Linux Forensics (1 year), ICS Security (1 year), Wireshark (1 year), TOR Browser (2 years), Cryptography (2 years).
- Databases and Infrastructure: Oracle DB (1 year), PostgreSQL, MySQL, Docker and containerisation (3 years).
- Analytics and Tools: Computer Mathematics (5 years), Microsoft Office including Word, PowerPoint, Excel, Visio and Publisher (5-plus years), web design (less than 1 year).

PROFESSIONAL EXPERIENCE

Software Engineer Swisslog Logistics UK, Malaysia and Germany Sep 2022 – Nov 2025

- Worked as both Software Engineer and Tester on Swisslog's largest contracted project, contributing across development and quality assurance within a cross-functional team spanning software, controls and testing.

- Delivered projects within teams of 2 to 24 people, working on-site in Malaysia and Germany for extended periods as part of international delivery teams.
- Gained commercial proficiency in Java, HTML, XML, JSON, Oracle DB, Postgres and Docker through the graduate training programme and live project delivery.
- Communicated complex technical concepts clearly to colleagues and stakeholders across varying levels of technical knowledge, strengthening documentation and cross-team collaboration.
- Successfully completed the Swisslog graduate training programme, demonstrating adaptability and consistent professional development throughout.

EARLIER EMPLOYMENT

Bar Staff J D Wetherspoon PLC United Kingdom Sep 2018 – Aug 2022

- Delivered high-volume customer service in a fast-paced environment, developing communication, reliability and composure under pressure.

Martial Arts Instructor Verve Martial Arts United Kingdom Nov 2015 – Sep 2016

- Planned and delivered sessions to students of varying ages and abilities, developing early coaching, communication and leadership skills.

Crew Member, McDonald's (Aug 2015 – Aug 2018)

EDUCATION

BSc (Hons) Cyber Security De Montfort University Leicester Sep 2018 – Aug 2021

- Graduated with a 2:1. Core study areas included penetration testing, cryptography, digital forensics, ICS security, network security and computer mathematics.

A Levels South Bromsgrove High School Sep 2016 – Jul 2018

- A Levels in Computer Science and Economics.
- 9 GCSEs at grades A* to C including Maths and English.

AWARDS AND CERTIFICATIONS

- Golden Crest Award (2018): Awarded in partnership with Mettis Aerospace Engineering on completion of a school-based development project.
- Level 3 Aerospace Engineering (2018): Achieved in conjunction with the Golden Crest Award through the Mettis Aerospace Engineering partnership.
- Duke of Edinburgh Award.
- TryHackMe (In Progress): Actively building SOC analytical skills including threat detection, security monitoring and incident response.

ADDITIONAL INFORMATION

- Full UK driving licence.
- Eligible to work in the United Kingdom.