AKRAM JEHAD MAHMOUD MOUSA

CYBERSECURITY SPECIALIST

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PROFESSIONAL SUMMARY

Academically distinguished Cybersecurity graduate (Graduated with Excellence) and Certified Ethical Hacker (CEH) with demonstrated leadership in runtime security monitoring and autonomous threat mitigation. Skilled at bridging secure software design with defensive architecture, with core technical experience spanning C#, ASP.NET Core, Java, and Linux administration. Adept at leveraging AI-assisted engineering tools to accelerate development, prototype interactive interfaces, and deploy functional security platforms. Backed by a solid foundation in CCNA-level network architecture, offering a balanced perspective as both a secure software evaluator and security analyst.

LICENSES & CERTIFICATIONS

Certified Ethical Hacker (CEH) — Green Circle for Cybersecurity — Sep 2025

CCNA (Cisco Certified Network Associate) — Pioneers Academy — Dec 2024

JavaScript Essentials · HTML Essentials · CSS Essentials — Cisco Networking Academy

TECHNICAL SKILLS

Cybersecurity & Networking: Penetration Testing, Runtime Security, Container Security (Docker), Open Policy Agent (OPA/Rego), Falco, Digital Forensics, Cryptography, Formal Protocol Verification (AVISPA), Network Routing & Switching

Languages & Frameworks: C#, Java, Python, JavaScript, ASP.NET Core MVC, HTML5, CSS3

Databases & Tools: SQL Server, PostgreSQL, Linux/WSL (Ubuntu)

Methodologies: AI-Augmented Software Prototyping, Prompt Engineering for Developers, Agile Team Leadership

CORE PROJECTS

MRSAD — Monitoring Runtime Sentinel & Autonomous Defense

Feb 2026 – Jun 2026

Project Team Leader & Technical Architect · mrsad.tech · Academic Graduation Project

- Led a 5-member team through architecture design, sprint coordination, and deployment of a containerized security monitoring platform.
- Built a Go-based runtime anomaly detection engine to flag unauthorized shell spawning and anomalous network connections in Docker containers.
- Used AI-assisted development tools to rapidly build and deploy a Next.js dashboard tracking incident lifecycles (MTTD/MTTR).
- Implemented Policy-as-Code rules with Open Policy Agent (OPA) and Rego to automate security evaluation logging.
- Co-engineered an automated quarantine mechanism to isolate compromised containers and contain active threats.
- Embedded SHA-256 cryptographic evidence preservation to safeguard system log integrity for forensic readouts.

ZTSplit — Zero-Trust Split-Key Cloud Storage Protocol

Oct 2025 – Jan 2026

Security Research & Protocol Developer · Academic Research Project, Zarqa University

- Co-designed a 4-party, zero-trust cloud storage protocol that eliminates single points of failure (SPoF).
- Formulated a split-key encryption scheme distributing file layers and decryption keys across independent nodes to prevent unilateral data exposure.
- Conducted formal cryptographic verification with the AVISPA tool (OFMC back-end), validating resilience against MitM and replay attacks.

CareNet — Smart Health & Donation Hub

Mar 2025 – Jun 2025

Secure Software Developer · Course Project, Visual Programming (C#)

- Developed a responsive ASP.NET Core MVC health management portal with structured telemetry logs for chronic condition tracking.
- Engineered “BloodLink,” a real-time coordination system matching localized blood donation requests with regional donors.
- Enforced session-based authentication and strict owner-level data validation to preserve patient data privacy.
- Applied MVC architecture to separate business logic from UI, improving backend maintainability.

EDUCATION

Bachelor of Science in Cybersecurity

Oct 2022 – Jun 2026

Zarqa University, Faculty of Information Technology — Amman, Jordan

Graduated with an **Excellent** rating (تقدير امتياز) · Appointed Graduation Project Team Leader

LANGUAGES

Arabic — Native Speaker | **English** — Good Working Proficiency