

AKRAM JEHAD MAHMOUD MOUSA

CYBERSECURITY SPECIALIST

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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.

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

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

CORE PROJECTS

MRSAD — Monitoring Runtime Sentinel & Autonomous Defense Feb 2026 – Jun 2026
Project Team Leader & Technical Architect · Academic Graduation Project

- Led a 5-member team through architecture, sprint coordination, and deployment of a containerized security monitoring platform.
- Built a Go-based runtime anomaly detection engine flagging unauthorized shell spawning and anomalous container network activity.
- Shipped an AI-assisted Next.js dashboard tracking incident lifecycles (MTTD/MTTR), backed by OPA/Rego policy-as-code evaluation.
- Co-engineered automated container quarantine and SHA-256 evidence preservation for forensic-grade log integrity.

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 with split-key encryption distributing file layers and decryption keys across independent nodes, eliminating single points of failure.
- Formally verified protocol resilience against MitM and replay attacks using the AVISPA tool (OFMC back-end).

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 portal with structured telemetry logs, plus “BloodLink,” a real-time blood donation matching system.
- Enforced session-based authentication and owner-level data validation to protect patient privacy, with clean MVC separation of concerns.

EDUCATION

Bachelor of Science in Cybersecurity Oct 2022 – Jun 2026
Zarqa University, Faculty of Information Technology — Amman, Jordan
Graduated with an **Excellent** rating

LANGUAGES

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