Mohammad Steitieh

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Profile

Software Engineer specializing in secure, scalable system design and full-stack development. Experienced in building enterprise applications while embedding security through threat modeling, defense-in-depth architecture, and vulnerability management across application and API layers. Skilled in secure coding practices, SOC operations, and compliance frameworks (OWASP, HIPAA, GDPR). Combines development expertise with offensive and defensive security, including exploitation labs, SIEM analysis, and incident response.

Education

Islamic University of Lebanon — BS in Computer Science

- Coursework: Data Structures, Algorithms, OOP, Networks, AI

Technical Skills

- **Languages:** C/C++, Java, JavaScript/TypeScript, Python, Bash, PowerShell
- **Frameworks:** Django, React, ASP.NET
- **Technologies:** Linux, Git/GitHub, SQL, Containers
- **Security:** OWASP Top 10, OWASP API Top 10, Threat Modeling, SIEM Basics
- **Automation:** n8n, AI Agents

Projects and Experience

Doctor Management System — Software and Security Lead *November 2025 – January 2026*

DMS Doctor Management System

- Led security architecture and threat modeling for a ASP.NET + React healthcare platform, designing defense-in-depth across application, API, and data layers aligned with HIPAA/GDPR
- Drove a high-pressure month-long sprint to identify, triage, and resolve critical bugs; refined UX to improve usability and product stability
- Managed team workflows via Jira, creating and delegating tasks across backend, frontend, and QA members to meet tight delivery timelines
- Standardized secure development practices using OWASP Top 10 / OWASP API Top 10, implementing secure auth, input validation, and API protection

Cybersecurity Training Program — Hash Organization *July 2025 – October 2025*

- Structured training from fundamentals to red-team and blue-team operations
- Hands-on labs in exploitation, SOC monitoring, detection, and incident response

Hash Organizer — Leadership Community Member *July 2025 – Present*

- Active contributor to cybersecurity and AI-focused leadership initiatives
- Supported community workshops, technical discussions, and event planning

Cybersecurity Labs — Offensive & SOC Training

- Built personal cyber lab for red-team exploitation and SOC operations
- Practiced log analysis, SIEM triage, and incident response workflows
- Executed controlled attacks against vulnerable VMs to understand attacker behavior

Soft Skills

- Leadership and team collaboration
- Strong communication
- Adaptability under pressure

Achievements

- Certified Bug Bounty Hunter — Hash Organization
- Placed Top 10 out of 223 in Semicolon CTF as part of a competitive team

Interests

- Offensive Security, Secure Systems, AI

Languages

- English — Fluent
- Arabic — Native