

MALIK KHELFAH

System Architect & Cybersecurity Engineer

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PROFESSIONAL SUMMARY

Results-driven System Architect and Cybersecurity Engineer with expertise in designing secure, scalable systems from hardware to cloud infrastructure. Skilled in full-stack development, embedded systems, and Security Operations Center (SOC) processes. Adept at implementing advanced security protocols, risk assessments, and incident response strategies to safeguard digital ecosystems.

CORE COMPETENCIES

- Programming Languages: Python, C++, Java, HTML/CSS, JavaScript, SQL
- Cybersecurity: Penetration Testing, SOC Monitoring, Incident Response, AES Encryption, Risk Management
- Hardware Engineering: Embedded Systems, PCB Design, QMK Firmware Development
- Tools & Platforms: Splunk, Wireshark, Nmap, Kali Linux, Git, Render, Hetzner Cloud
- Professional Skills: Analytical Problem-Solving, Leadership, Crisis Management, Effective Communication

PROJECTS

- MacroFlow System | Lead Engineer & Developer - Engineered a commercial macropad ecosystem integrating hardware and software functionality. Designed custom PCB and optimized C++ firmware compliant with QMK standards. Developed a desktop application for seamless hardware-to-OS interaction; managed product lifecycle from prototype to market release.
- Steglens | Full Stack Security Developer - Built a secure web application for concealed data exchange using steganography. Integrated Python scripts with a web interface for encrypted image data processing. Implemented AES-128 encryption and custom steganography algorithms; deployed live via Render.
- Phoenix-Pub | System Architect - Designed and deployed a digital publishing platform with a secure Python (Flask) admin interface. Implemented authentication protocols and database logic; managed cloud deployment on Hetzner.

PROFESSIONAL EXPERIENCE

- Cybersecurity Intern | IT SECURITY C&T — Amman, Jordan (Jun 2025 – Sep 2025) - Conducted SOC monitoring and network defense operations. Performed ethical hacking and vulnerability assessments to mitigate security risks. Gained hands-on experience in Digital Forensics and Governance, Risk, and Compliance (GRC).
- Customer Support Representative | CRYSTEL — Amman, Jordan (Feb 2022 – Jun 2022) - Managed high-volume customer inquiries in a fast-paced environment. Developed crisis management and problem-solving skills under pressure.

EDUCATION

B.Sc. Cybersecurity & Cloud Computing - Applied Science Private University — Amman, Jordan
(Graduated: Jan 2026)