

Azad Ehsan Shirzad

Cybersecurity Analyst & Penetration Tester

Location: Khanaqin, Iraq

Phone: +964 772 798 4430

Email: me@sizar.krd

Portfolio: sizar.krd

PROFESSIONAL SUMMARY

Results-driven **Cybersecurity Analyst and Security Researcher** with hands-on expertise in web application penetration testing (OWASP Top 10), network perimeter defense, secure software development, and Linux server administration. Experienced in vulnerability assessment, incident mitigation, traffic analysis, and containerized service deployment.

TECHNICAL SKILLS

- **Security & Penetration Testing:** Vulnerability Assessment, Web App Pentesting (OWASP Top 10), Network Scanning & Mapping, Traffic Analysis (Wireshark), Threat Mitigation, Reverse Engineering.
- **Networking & Infrastructure:** TCP/IP, Subnetting, Firewalls, DNS/DHCP Configuration, Nginx Reverse Proxy, SSL/TLS Encryption & Hardening.
- **Systems & Virtualization:** Linux Server Administration (Debian, Ubuntu), Docker Containerization, Local Storage Architecture (NAS), Shell/Bash Scripting.
- **Programming & Web Development:** PHP, JavaScript, HTML5, CSS3, REST APIs, Secure Coding Practices.
- **Languages:** Kurdish (Native), Arabic (Fluent), English (Professional Working Proficiency).

PROFESSIONAL TECHNICAL EXPERIENCE

Web Developer & IT Security Specialist

Ballu Agency

- Developed and audited client web applications in PHP and JavaScript, implementing input sanitization to eliminate SQLi and XSS vulnerabilities.
- Administered internal corporate network parameters, firewall rules, and role-based access controls across local workstations.
- Maintained reverse proxy routing, web servers, and DNS records to mitigate automated scanning and ensure high service availability.

Independent Security Researcher & Systems Administrator

Independent Systems & Security Research

- Conducted ethical penetration tests and vulnerability assessments against target web environments, producing detailed remediation reports.
- Custom URL Redirection & QR Tools (i.sizar.krd): Engineered lightweight web utilities focusing on input validation, parameterized redirects, and cross-site scripting (XSS) prevention.
- Deployed homelab virtualization environments using Docker to simulate multi-tier enterprise networks and DNS-level traffic filtering.

IT Support Specialist

Ashur Brick Co. & Freshy Plus Hypermarket

- Maintained internal LAN infrastructure, credential access management, and endpoint data protection across multi-user business environments.
- Ensured database integrity and provided prompt hardware and software troubleshooting to minimize organizational downtime.

TECHNICAL & SECURITY PROJECTS

- **Application Distribution Platform (app.sizar.krd):** Deployed a centralized web delivery service with secure API endpoints and client-side sanitization.
- **Secure Redirection & QR Utilities (i.sizar.krd):** Engineered high-performance web utilities focused on strict parameter validation and XSS prevention.
- if you want to see my other projects please go to www.sizar.krd

EDUCATION & CERTIFICATIONS

Diploma in Information Technology & Computer Science — Kalar Computer Institute

2016 – 2019

Certifications: Web & Software Development Certification (SoloLearn Inc.) | In Preparation for Professional Certifications (CompTIA Security+ / CEH).

Diploma in Information Technology & Computer Science — Sulaymaniyah Computer Institute (Graduated).

2019 – 2021