Milad Ahmadipour

Cybersecurity Specialist

I'm a proactive Cybersecurity Specialist with over a decade of experience securing platforms like 1Server.io and simulating real-world threats—brute-forcing credentials and tracking proxy fraud. Self-taught through hands-on projects in PHP, Python, Sh ell Script (Bash), JavaScript, and more, I've built private C# tools to test defenses and detect fakes, delivering uptime, security, and resilience for high-stakes digital environments.

📍 Based in Muscat, Oman

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SKILLS

Web Security

Web Security involves mitigating SQL injection using Burp Suite, protecting APIs with OAuth 2.0 and JWT, and defending against XSS and CSRF attacks.

Network Defense

 IP tracking, proxy analysis, credential security

Fraud Prevention

DDoS mitigation (Cloudflare, Fail2Ban), brute-force protection, HTTP attack prevention

Encryption

AES-256 encryption, TLS 1.3 protocol, secure email standards (DKIM, SPF, DMARC), and adherence to PCI DSS guidelines.

Monitoring & Uptime

Prometheus, UptimeKuma, Parse, and UpRobot offer real-time analytics solutions.

Programming

Various programming languages include PHP, Python, Shell Script (Bash), JavaScript, and C.

Professional Experience

2011-NOW **Founder & CEO of xCodz Development Inc.**

Founded a cybersecurity xCodz Development Inc and hosting company, 1Server.io, a secure hosting and mail service for 50 clients, built with PHP and Python for backend logic.

Protected 1Server.io with Cloudflare DDoS mitigation, Fail2Ban for brute-force blocking (stopped 10K attempts), and NGINX rate limiting, achieving 99.9% uptime.

Secured email with DKIM/SPF/DMARC and data with AES-256, using Bash scripts for automation, aligning with PCI DSS-like standards.

Monitored with Prometheus (metrics), UptimeKuma (status), Parse (logs), and UpRobot (alerts), cutting downtime by 30% and detecting threats live.

Clients: Lamerd Cement Corporation (Shiraz), Tavanco Corporation (Vancouver), Bisou Bake House (Vancouver).

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Cybersecurity Consultant

2009-2021 **Trust Air Conditioner**

Secured iMaya (2015) with AES–256 for WebSocket transactions using JavaScript and Python, blocking SQL injection with PDO in PHP (90% vuln reduction via Nessus)—ensuring robust data protection. Hardened Anita (2016) with TLS 1.3 and iptables via Bash scripting, maintaining uninterrupted service

Independent Security Researcher

2012 - NOW **Attack Simulation & Fraud Detection**

C# Brute–Force Tool (PSN): Developed a private C# application to ethically simulate brute–force attacks on PlayStation Network (PSN) credentials (use RuCaptcha API to bypass Sony Captcha v2) for personal education. Tested dictionary and credential–stuffing methods on my servers, hardening them with rate limiting and multi–factor auth—reduced breaches to 0% over 10K+ attempts.

C# Proxy Scraper: Built a private C# tool for educational use, scraping and validating proxies from deep web forums and Telegram channels. Automated proxy testing with Python and Bash to simulate fake traffic (e.g., YouTube views bypassing Google), using IP tracking to detect and block proxy–based fraud.

Note: For legal and security purposes, all tools remain unpublished and were developed solely for personal and educational use.

Researched web exploits (SQL injection, HTTP MitM) with Burp Suite, implementing CSP and sanitization fixes in PHP and JavaScript. Maintain a repo (https://www.milad.io/repo) with 1,000+ downloads.

Technical Proficiencies

Web & Payment Security: PCI DSS principles, TLS/SSL, secure API design
Network Tools: Wireshark (traffic analysis), Nmap (scans), Cloudflare, Fail2Ban
Monitoring Tools: Prometheus (metrics), UptimeKuma (uptime), Parse (logs), UpRobot (alerts)
Fraud Detection: IP tracking, proxy validation, credential attack simulation
Server Security: AppArmor, SELinux, CSF, Docker Programming Languages: PHP, Python, Shell Script (Bash), JavaScript, C#, and more

Education & Certifications

Bachelor of Information Technology Azad University of Bushehr City — 2008–2011
Apple iOS Developer — MMU, Malaysia (2010)
Apple iOS Kernel Exploiter — MMU, Malaysia (2010)
SQL Injection Ethical Hacking — Udemy (Sep 2024)
Python Scripting for System Administration — Udemy (Sep 2024)
  Advanced skills in Python for system tasks
Artificial Intelligence A–Z 2024 — Udemy (Sep 2024)
  Comprehensive AI development, including LLM & ChatGPT

Languages

English: Fluent (IELTS 6.5) – Persian : Native