Malek Ben Jemia

Cyber security master student & Penetration tester

✉ malekbenjemia1@gmail.com 📞 +49 1739575607 in malek-benjemia

🔗 ma1ek.me 📍 Erfurt, Germany

SUMMARY

With 6 years of it security learning experience and a strong networking background, I'm a cybersecurity aficionado, and I'm actively learning and I'm eager to embrace new opportunities

EDUCATION

Master's degree in Computer Systems and Network Security *Sep 2021 – present*
TEK-UP University
- Network security, Pen-testing, Cryptography

Bachelor degree in Networks and Operating Systems *Sep 2017 – Jun 2021*
ISET RADES
- Algorithms, Programming, Network & Systems

PROJECTS

Business Continuity Plan Audit *Oct 2023 – Nov 2023*
- Load balancer Implementation
- Configured Traefik Load Balancer for Odoo interface
- optimizing traffic distribution across redundant containers to enhance system resilience.

ISO 27001 Compliance Audit *Nov 2023 – Dec 2023*
- Designed a High Availability Architecture with OpenSource WAF
- Enhanced Web Security using the capabilities of ModSecurity, achieving 98% accuracy in filtering malicious traffic while maintaining seamless accessibility for legitimate users devices
- Optimized Load Balancing and Scalability for Odoo and PostgreSQL using Traefik, supporting more users with ensuring high availability.
- Implemented Comprehensive Monitoring and Automated Maintenance, resulting in a resilient and scalable architecture that reduced manual intervention by 60% and improved system reliability through early detection of potential issues.

Network Security Project *Oct 2023 – Dec 2023*
- Deployed comprehensive open-source tools for a centralized Network Operations Center that increased real-time performance visibility, resulting in faster resolution of critical incidents within an average of 10 minutes.

Cowrie Honeypot Deployment *Jul 2023 – Aug 2023*
- Developed and Configured an Open-Source Honeypot Solution using Cowrie, capturing unauthorized access attempts for security analysis and research.

PROFESSIONAL EXPERIENCE

Network Implementation and Design *ma1ek.me/Internship/* 🔗
Jan 2021 – Jun 2021

- Engineered and Deployed a robust network infrastructure supporting 80+ workstations, improving system performance and user experience across TMI headquarters.
- Established Redundant LAN Systems using advanced routing protocols and switched topologies, resulting in zero downtime incidents over six months and maintaining high reliability for diverse user demands.
- Implemented MAC Address Authentication across five departments, securing VPN access for over 100 users and reducing unauthorized access attempts by 62%, significantly enhancing data integrity and network security.
- Optimized Network Monitoring by configuring and managing tools including OpenNMS, Pandora FMS, Cacti, Nagios, and PRTG, achieving 90% uptime and identifying potential issues, which reduced incident

response time by 35% and enhanced overall network reliability.
- ○ Specialized in WIFI-6, Access Control, Firewall Configuration, High Availability Systems, VLANs, IP Cameras, IP Phones, and SNMP v3 for enhanced operational control.

Digital Transmission Center *Jan 2020 – Feb 2020*
- ○ Commissioned and Managed 20+ Dedicated Lines, ensuring seamless connectivity across critical networks and reducing connectivity downtime by 44%. This management supported uninterrupted service for over 500 users and key operational systems.
- ○ Identified and Resolved 20+ Equipment Faults promptly, enhancing the reliability and functionality of telecommunications infrastructure.
- ○ Maintained Transmission Equipment to optimize functionality and network uptime
- ○ Tools Used: Cisco Prime, Huawei U2000

SKILLS

Programming Languages:	**Technical Skills:**	**Familiar Tools:**
C, Java, Python	OSINT, SQL Injection, Troubleshooting, Priv Esc, Network Design, Firewall management	Burp Suite, NMAP, Packet Tracer, IDS/IPS, Metasploit, Wireshark, SIEM, Nessus, Proxychains
Soft Skills:	**Operating Systems:**	
Strategic thinking, Motivated Trustworthiness, Attention to detail, Decision-making, Innovation	Kali Linux, Ubuntu, Windows	

LANGUAGES

Arabic	**English**	**French**	**German**
Native	Full Professional Proficiency	Full Professional Proficiency	Intermediate

ACHIEVEMENTS

- Top 100 Hall of Fame in HackTheBox
- Elite Hacker Rank in HackTheBox
- Top 7% in TryHackMe