



MALEK BEN JEMIA

Cyber security master student & Penetration tester

@malekbenjemia1@gmail.com

+4915510784187

Am walperloh, Schmalkalden, Thüringen, 98574

malek-benjemia

With 6 years of cybersecurity 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 and currently I am looking for IT security working student job.

LANGUAGES

Arabic: Native

French: Fluent B2

English: Fluent C1

German: A2

KNOWLEDGE

Routing & Switching

TCP/IP

Firewall management

SIEM

IDS /IPS

OWASP

OSINT

Network & Web pentesting

C

Java

Python

TOOLS

Nmap

Burp Suite

Packet tracer

Wireshark

OpenNMS

Hydra

metasploit

John

SQLmap

proxychains

CERTIFICATIONS

eJPT

CCNA

EDUCATION

Exchange Student | Schmalkalden University

April 2024 - Present

Thuringia, Germany

Engineering | TEK-UP

September 2021 - Present

Ariana, Tunisia

Bachelor | ISET Rades

September 2017 - June 2021

Rades, Tunisia

PROFESSIONAL EXPERIENCE

End of studies project : Network Implementation and Design | TMI

January 2021 - June 2021

LAC 3, Tunisia

- Engineered and Deployed a robust network infrastructure supporting 80+ workstations, improving system performance and user experience across TMI/ORADIST 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.

Internship | Centre de Transmission Numérique TUNISIE TELECOM

January 2020 - February 2020

Ez Zahra, Tunisia

- 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, using tools such as Cisco Prime and Huawei U2000.

ACHIEVEMENTS

Top 100 Hall of Fame | HTB

Elite Hacker Rank | HTB

Top 7% Ranking | TryHackMe

INTERESTS

Cybersec Competitions(CTFs)

Chess, Gaming, Reading,
Volleyball, Photography

Internship | Arab Tunisian Bank

📅 January 2018 – February 2018

📍 El Mourouj, Tunisia

- Managed Customer Data and processed daily transactions, acquiring hands-on experience in financial transaction systems.
- Developed Documentation and Record-Keeping Skills under supervised training, ensuring compliance with banking procedures.

PROJECTS

Business Continuity Plan Audit | Load balancer Implementation

📅 October 2023 – November 2023

- **Configured Traefik Load Balancer** for Odoo interface, optimizing traffic distribution across redundant containers to enhance system resilience.

ISO 27001 Compliance Audit | High Availability Architecture with Open-Source WAF

📅 November 2023 – December 2023

- **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 | Network Operations Center

📅 October 2023 – December 2023

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

Summer Project | Cowrie Honeypot Deployment

📅 July 2023 – August 2023

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

