



MALEK BEN JEMIA

Cyber security master student & Penetration tester

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Germany

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

LANGUAGES

Arabic: **Native**

German: **A2**

English: **Fluent C1**

French: **Fluent B2**

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**

04.2024 – Present

Thuringia, Germany

Engineering | **TEK-UP**

09.2021 – Present

Ariana, Tunisia

Bachelor | **ISSET Rades**

09.2017 – 06.2021

Rades, Tunisia

EXPERIENCE

End of studies project : Network Implementation and Design | **TMI**

02.2021 – 06.2021

LAC 3, Tunisia

- Designed and implemented network infrastructure for TMI/ORADIST Headquarters.
- Engineered a highly available LAN with redundancy.
- Implemented MAC address authentication for VPNs.
- Utilized monitoring tools: OpenNMS, Pandora FMS, Cacti, Nagios, PRTG.
- Specialized in WIFI-6, Access Control, Firewall Config, High Availability, VLANs, IP Cameras, IP Phones, SNMP v3.

Internship | **Centre de Transmission Numérique TUNISIE TELECOM**

01.2020 – 02.2020

Ez Zahra, Tunisia

- Commissioned and managed dedicated lines for seamless connectivity.
- Identified and reported networking equipment faults for prompt resolution.
- Maintained transmission equipment for optimal functionality and uptime.
- Tools: Cisco Prime, Huawei U2000.

Internship | **Arab Tunisian Bank**

01.2018 – 02.2018

El Mourouj, Tunisia

- hands-on experience in managing customer info, processing transactions, and handling inquiries.
- Develop proficiency in documentation, record-keeping under supervision.
- Learning essential banking procedures

ACHIEVEMENTS

TOP 100 HTB Hall of fame

Elite Hacker Rank in HTB

TOP 7% THM

INTERESTS

CTFs
Chess
Gaming
Reading
Volleyball
Photography

PROJECTS

Business Continuity Plan Audit | [Load balancer advantages in enterprise BCMS hosting](#)

📅 10.2023 – 11.2023

- Used Traefik solution on odoo interface
- Load balancer helped distributing the traffic on duplicate containers

Audit according to 27001 | [Implementation of a HA architecture based on an open source WAF](#)

📅 11.2023 – 12.2023

- Enhanced Web Security through OWASP ModSecurity and Custom Rule Integration
- Optimized Load Balancing and Scalability with Traefik for Odoo and PostgreSQL
- Implemented Comprehensive Monitoring and Automated Maintenance for High Availability

Network security | [Network operational center](#)

📅 10.2023 – 12.2023

- Implementation of an open source Network operational center solution

summer project | [Cowrie : an open source honeypot](#)

📅 07.2023 – 08.2023

- Implementing an open source honeypot solution

