

Youssef Charfeddine

youssef.charfeddine@insat.ucar.tn | LinkedIn | GitHub | Portfolio

Technical Skills

Security: Web penetration testing, OWASP, Burp Suite, Nmap, Metasploit, Wireshark, Kali Linux

Networking: TCP/IP, Cisco, SIEM, firewalls, IDS/IPS, VPNs

Development: Python, Bash, .NET Core, Angular, SQL

DevOps / Tools: Git, Docker, Linux, AWS (basic)

Education

2022 – Present: *Engineering Degree in Networks and Telecommunications*

INSAT, Tunisia

- Focused on network administration, cybersecurity, and IT infrastructure management.

Professional Experience

Jul 2025 – Aug 2025: *Web Pentest Intern*

Keystone

- Conducted a full penetration test on the *UNSAFE Bank* lab environment.
- Discovered and documented 10+ security vulnerabilities (XSS, SQLi, misconfigurations) and provided remediation guidance.

Jun 2024 – Jul 2024: *Cloud Security Intern*

3S Standard Sharing Software, Tunisia

- Performed security risk assessments across public and private cloud environments.
- Authored a technical study on cloud security trends and mitigation best practices.

Jun 2023 – Jul 2023: *Web Developer Intern*

MS Solutions Group (Monetics Services Solutions)

- Built secure web applications using .NET Core and Angular.
- Implemented authentication, authorization, and data encryption mechanisms.

Projects

SIEM Platform: University project designing a complete Security Information and Event Management solution for incident detection and response.

ISLP (Introduction to Statistical Learning with Python): Completed and documented all book exercises with detailed explanations and methodologies for machine learning and statistical analysis.

SNMP Monitoring App: Built a real-time network monitoring tool using SNMP for device performance tracking and alerting.

Home Labs: Deployed multiple personal labs for hands-on practice in network security, incident handling, and monitoring.