

Ali Kallel

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EDUCATION

National Institute of Applied Science and Technology (INSAT)

September 2021 – May 2026

National Engineering Diploma in Computer Networks and Telecommunications

Tunis, Tunisia

EXPERIENCE

Penetration Testing Intern

June 2025 – August 2025

Smart Skills

Hybrid, Tunisia

- Conducted black-box and white-box penetration tests on 8 web applications.
- Identified critical vulnerabilities, including RCE, SQL Injection, XSS, authentication bypass, and IDOR.
- Prepared detailed reports with CVSS severity ratings and remediation recommendations.

Co-Founder

May 2023 – November 2024

Alashwas - Cybersecurity Education Platform

- Co-developed an online cybersecurity learning platform using React, Node.js, and PostgreSQL
- Configured and maintained server infrastructure, including deployment of the platform's website.
- Created cybersecurity courses with over 35 labs and challenges to provide a hands-on learning experience.
- Managed social media content and strategy to increase visibility and engagement.

PROJECTS

RAMAPOT-Network Deception System

May 2025

Docker, Kubernetes, ELK Stack

- Deployed scalable honeypot environments using Docker and Kubernetes to analyze attacker behavior.
- Integrated the ELK Stack for centralized log collection, real-time threat detection, and interactive dashboards.
- Designed realistic honeypot scenarios with real-time monitoring and scalable architecture to attract and study attacks.

A-K Cipher

January 2025

Python, Pycryptodome

- Developed a cryptographic toolkit supporting more than 15 classical and modern algorithms for CTF challenges.
- Implemented advanced mathematical and number theory operations.
- Integrated external APIs and libraries, including FactorDB.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript.

Tools: Burp Suite, SQLmap, Hydra, FFUF, etc.

DevOps: Git, Docker, Kubernetes.

Networking: Routing, Switching, and Wireless Communication.

Penetration Testing: Web and Network penetration testing.

ACTIVITIES

- Achieved **1st place** in Darkest Hour CTF as part of a team, solving Web Exploitation and Crypto challenges.
- Won **1st place** in Raksha Pentest Competition, completing challenges from web exploitation to privilege escalation.
- Regularly participate in cybersecurity training on platforms such as TryHackMe and Hack The Box.

LANGUAGES

English, French, Arabic