Ali Kallel

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EDUCATION

National Institute of Applied Science and Technology (INSAT)　　　Sep. 2021 – May 2026
National Engineering Diploma in Computer Networks and Telecommunications

EXPERIENCE

Internship　　　July 2024 – Aug 2024
SECURAS TECHNOLOGIES　　　*Sfax, Tunisia*

- Developed an onboarding system for Cybershield v3 using the MERN stack
- Implemented product tours and progress tracking to enhance the user experience
- Integrated admin features to monitor user progress, manage the onboarding experience, and ensure smooth system operations

Co-Founder　　　May 2023 – Present
Alashwas

- Co-developed Alashwas online platform using React and Node.js
- Assisted in setting up server infrastructure and configuration of the platform's website
- Developed a course with practical exercises and CTF challenges

PROJECTS

Hadath: Event Planner | *Angular, NestJS, TypeORM, Flouci API*　　　Feb 2025

- Integrated Flouci API for online payment processing
- Developed a full-stack web application for event management, streamlining event organization, and registration
- Implemented secure authentication, user management, event creation, and dynamic ticket generation

A-K Cipher | *Python, Pycryptodome*　　　Jan 2025

- Developed a cryptographic toolkit supporting multiple algorithms for CTF challenges
- Integrated external APIs and libraries, including FactorDB and PyCryptodome

A-K Password | *Python, hashlib*　　　Dec 2024

- Developed a security tool for password strength analysis and email breach verification
- Implemented password validation features including entropy scoring, pattern detection, and wordlist verification
- Created a system for identifying hash types and suggesting stronger password alternatives

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript
Frameworks: React, Node.js, Express.js, Nest.js, Angular
Networking: Routing, switching, wireless networking, network security
Penetration Testing: Web, network, and Active Directory penetration testing
Tools: Git, Docker, Nmap, Metasploit, Burp Suite

ACTIVITIES

Cybersecurity Involvement:

- CTF player with top rankings, including first place
- Regularly engaged in cybersecurity training on TryHackMe, TCM Security, and Hack The Box

Community Engagement:

- Active member of Securinets
- System Administrator and member of ACM