

AMINE ELSASSI

Cybersecurity Consultant | Penetration Tester | Security Researcher

Montpellier, France | elsassiamine@gmail.com | +33 616515518 | [linkedin.com/in/aminelsassi](https://www.linkedin.com/in/aminelsassi) | github.com/zwxxb

PROFESSIONAL SUMMARY

- Highly skilled Cybersecurity Consultant with 3+ years of experience in penetration testing, vulnerability assessment, and security research. Specialized in web/mobile application security, infrastructure testing, and exploit development. Proven track record in identifying critical vulnerabilities, developing security tools, and participating in high-profile CTF competitions. Finalist at DEF CON CTF with multiple teams.

PROFESSIONAL EXPERIENCE

Ziwit

July 2024 – Present

Cybersecurity Consultant

Montpellier, France

- Execute comprehensive penetration tests for web and mobile applications, identifying and documenting security vulnerabilities.
- Conduct thorough internal security assessments and Active Directory penetration testing for enterprise clients.
- Perform in-depth infrastructure security evaluations, providing actionable remediation recommendations.
- Collaborate cross-functionally with development teams to implement security improvements and best practices.

Septeo Group

April 2023 – April 2024

Application Security Specialist

Montpellier, France

- Led security assessments for legal and real estate software products within the Septeo ecosystem.
- Implemented and managed the secure development lifecycle (SDLC) across multiple development teams.
- Conducted regular code reviews and security testing, resulting in 40% reduction in security vulnerabilities.
- Developed and delivered security awareness training for 100+ developers, promoting security-first development practices.
- Established automated security scanning pipelines integrated into CI/CD processes, improving efficiency and coverage.

Trustable

Feb. 2023 – March 2024

Cybersecurity Consultant

Tunisia

- Spearheaded the development of DevSecOps pipelines that reduced security testing time by 60% and improved vulnerability detection rates.
- Designed and implemented an automated security scanner that identified 25+ previously undiscovered vulnerabilities across client applications.
- Led penetration testing missions for 10+ European clients, consistently delivering high-quality security assessments and remediation strategies.
- Conducted comprehensive code reviews that identified critical security flaws in client applications before production deployment.
- Performed specialized testing for thick client applications, uncovering authentication bypass and privilege escalation vulnerabilities.

Pwn and Patch

Oct. 2021 – Oct. 2022

Cybersecurity Consultant

Tunisia

- Managed internal penetration testing assessments for financial institutions and industrial clients across Africa and Europe.
- Discovered critical vulnerabilities in cloud environments (Azure AD and AWS), preventing potential data breaches and unauthorized access.
- Developed custom automation tools that increased team efficiency by 40% during enumeration and exploitation phases.
- Conducted specialized security assessments for IoT devices and hardware systems, identifying firmware vulnerabilities and communication protocol weaknesses.

SECURITY RESEARCH

W&M Security Team

Oct. 2023 – Present

Security Researcher and CTF Player

Remote, China

- Discovered and responsibly disclosed a Remote Code Execution vulnerability in Helpspot (CVE-2023-50978).
- Developed an advanced fuzzer for PHP frameworks that identified multiple zero-day vulnerabilities.
- Researched V8 internals and browser sandboxing, successfully developing exploit chains for WordPress.
- Contributed to team achievements in global CTF competitions, specializing in web exploitation and binary challenges.

TECHNICAL SKILLS

Security Expertise: Penetration Testing · Web/Mobile Application Security · Infrastructure Security · Active Directory · Exploit Development · Vulnerability Research · OWASP Top 10 · Code Review

Programming & Scripting: Python · .NET · C · Java · Rust · PHP · Bash · PowerShell

DevSecOps & Tools: CI/CD Security · Ansible · Jenkins · Terraform · Kubernetes · Docker · Git

Web Technologies: FastAPI · RESTful APIs · OAuth · JWT · Web Services

CERTIFICATIONS

Professional Certifications

- Web Application Penetration Tester eXtreme (EWPTXV2) - INE (2023)
- Certified Red Team Professional (CRTP) - Pentester Academy (2023)
- Certified AppSec Practitioner - AppSec Labs (2023)
- Code Review Certification - Pentester Lab (2022)

EDUCATION

Higher Institute of Computer Science of Tunis

Sept. 2019 – July 2022

Bachelor's Degree in Embedded Systems and Internet of Things

Tunisia

- Relevant Coursework: Computer Security, Network Programming, Embedded Systems, Operating Systems, Software Engineering
- Security Projects: Developed a framework for IoT device security assessment and vulnerability detection

AWARDS & ACHIEVEMENTS

<i>Name</i>	<i>Placing</i>	<i>Type</i>	<i>Scope</i>	<i>Awarder</i>	<i>Year</i>
DEF CON CTF	Finalist	International Security Competition	Global	DEF CON	2024
Google CTF	Top 10	International Security Competition	Global	Google	2023
CTFTime Global Rankings	TOP 10	Competitive Security Team	Global	CTFTime	2022-2024
CTFTime Global Rankings	12 th Place	Competitive Security Team	Global	CTFTime	2023
DEF CON CTF	Finalist with Straw Hats Team	International Security Competition	Global	DEF CON	2023
National Cyber Security Challenge	1 st Place	Security Competition	Tunisia	Hackfest	2021
Securinets	Authors Award	Challenge Creation & Design	Tunisia	Securinets	2022
Bug Bounty Programs	\$15,000+ in Bounties	Vulnerability Research	Global	Various Programs	2022-2024

LANGUAGES

English: Professional Fluency · **French:** Professional Fluency · **Arabic:** Native Proficiency