SALAH EDDINE MEDKOUR

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PROFESSIONAL PROFILE

I'm a network engineering graduate focused on networking, cybersecurity, and web development. I'm always learning and ready to take on real work to grow my skills and contribute to meaningful projects.

EDUCATION

BADJI MOKHTAR UNIVERSITY OF ANNABA   Annaba, DZ
Master in Networks & Telecommunications   June 2025
- **Final year project:** Implementation of an end-to-end encryption mechanism (E2EE) for real-time video via WebRTC, reducing the risk of interception to 0-1% in internal tests with $\approx 0\%$ performance sacrifice - Highest Honors | **Academic article**
- I studied advanced networking, cybersecurity, Web development and secure communications

Bachelor's Degree in Telecommunications   June 2023

PROFESSIONAL EXPERIENCE

FREELANCE AND DEVELOPMENT
Freelancer and developer   2023 - Present
- Development and deployment of secure web applications. (Check **Portfolio**)
- Building and optimizing full-stack open source projects for performance and scalability. (Examples: WebRTC E2EE video chat, open-source tools). (Available on GitHub: **salahmed-ctrlz**)
- Providing customized web solutions, ensuring functionality and user experience, and client success.
- Experimentation with various systems (Linux/Kali, Windows, VirtualBox, Hyper-V) and independent practice in networking and security, and practical work at home (Home-Labs).
- Intermediate knowledge of certain development languages such as: HTML/CSS, JavaScript, Python, ReactJS, etc.
- Writing technical articles and documentation related to cybersecurity and open-source technologies.

LANGUAGES

- Arabic (native).
- English (fluent).
- French (advanced)
- Spanish (conversational).

CERTIFICATIONS AND SKILLS

Certifications & Courses : Google Cybersecurity, Google IT Support, Google Cloud Database Engineer (Coursera), EF SET English Certificate C2, etc.

Technical skills : Network configuration and security (TCP/IP, VLAN, VPN), web development, Linux & Windows systems (Desktop, Server), penetration testing, etc.

Soft Skills : Adaptive learning, problem solving, critical thinking, communication, teamwork, etc.