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# Cybersecurity Engineer | Full-Stack Developer

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Elhoucine-Baddouj

elhoucine-baddouj

Elhoucine

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## **★** Personal Profile

Cybersecurity Engineer experienced in defensive and network security, SOC operations, and incident response, skilled in vulnerability analysis and threat detection.

## Education

**Third-year Engineering in Cybersecurity and Digital Trust** INPT, Rabat

**Preparatory Classes, Mathematics and Physics (MP)** 

CPGE - Ibn Tahir, Errachidia

# Professional Experience

Freelance Cybersecurity Consultant

Jan 2025 - Present

- Freelancer.com
- Freelance Cybersecurity Consultant delivering expert security services, clear client communication, and 5-star results.

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#### **SEKERA**

• Developed log ingestion pipelines and a custom SIEM system for real-time threat detection in a large-scale SOC-as-a-Service project.

Tools: Elasticsearch, Vector, NXlog, React, RESTful API.

#### Pentest Intern - OGSBC

# June-2025, July-2025

#### **OGSBC**

· Performed web application pentesting, identifying vulnerabilities and recommending fixes to improve security.

Tools: Metasploit, Burp Suite, OWASP ZAP, SQLMap, Wireshark.

## </> Projects

#### Al-Powered Real-Time Anomaly Detection in Network Traffic

• Developed an Al-based IDS for real-time network threat detection, trained on CIC-IDS2017, with immediate anomaly alerts.

Tools: Python, Machine Learning, Network Traffic Analysis, ClCflowMeter

## SecuHarden – System Hardening and Compliance Automation Framework

- Built a tool to audit and harden Linux/Windows systems based on security standards.
- Automated compliance checks and applied system hardening to reduce attack surface.

Tools: Python, System Hardening, Security Compliance (CIS/NIST), Bash Scripting

## </>/> Technical Skills

#### **Programming Languages**

Python, Java, Bash, PowerShell, SQL

**Security Tools & Frameworks** 

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Wazuh, Suricata, Splunk, OpenVAS, Metasploit

#### **Databases & Data Analysis**

ClickHouse, Elasticsearch, MongoDB, SIEM log management

#### **Security Architectures**

SOC, SIEM, SOAR, Network Segmentation, Zero Trust

#### **Automation & Scripting**

Python scripting, Ansible, PowerShell, Bash

#### **Core Competencies**

Network Security, System Hardening, Incident Detection and Response, Vulnerability Management, Threat Hunting

## **Q** Certifications

Introduction to Cybersecurity

Cisco

Google Cloud Cybersecurity

Google Cloud

**SOC Analyst** 

LetsDefend

# **A** Languages

French

Professional Proficiency

English

Professional Proficiency

Arabic

Native Language

# **Let's Connect**

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Interested in working together? I'd love to discuss how my skills and experience can contribute to your next project.



**Send Message** ■



✓ View Portfolio

# **Baddouj Elhoucine**

Cybersecurity Engineer & Full-Stack Developer building secure, reliable solutions for organizations worldwide.

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## **Quick Links**

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Built with React + TypeScript

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