OMAR EL BOUHSAINI

Engineering Student in Digital Development and Cybersecurity

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Professional Profile

Aspiring Engineer specializing in Cybersecurity and Cloud, with solid technical expertise in infrastructure automation and security. Passionate about DevSecOps and Pentesting. Ranked in the top 2% globally on TryHackMe, I have developed strong autonomy in managing complex projects. **Seeking a Final Year Internship (PFE).**

Technical Skills

- **DevOps & Cloud:** Docker, Docker Compose, Jenkins (CI/CD), AWS (EC2), Nginx (Reverse Proxy), Git.
- **Cybersecurity:** Web Pentesting (Top 2% THM), OWASP Top 10, Burp Suite, Nmap, Metasploit, ELK Stack.
- **Infrastructure & Networks:** Linux Administration (Ubuntu/Kali), TCP/IP Protocols, DNS, SSL/TLS, Cloudflare.
- **Development:** Python (Automation/ML), PHP (Laravel), React, SQL (Oracle, MySQL).

Major Projects

End-to-End SOC Automation (Wazuh + Shuffle + TheHive) *March 2026*

- Designed a multi-zone environment using **pfSense** and **Suricata** for real-world threat simulation.
- Implemented a SOAR pipeline: **Wazuh** (Detection) → **Shuffle** (Orchestration) → **TheHive** (Response).
- Integrated **Threat Intelligence** APIs (VirusTotal, AbuseIPDB) for automated IP/File reputation scoring.

Secure Cloud Infrastructure & CI/CD Pipeline *Feb – March 2026*

- Multi-container orchestration (**Docker Compose**) on **AWS EC2** for a CTFd platform.
- Implemented a **Jenkins** pipeline integrating automated security scanning (**Trivy**):
  - Vulnerability scanning (CVE) and hardcoded secret detection (SCA).
  - **Quality Gate**: Automatic deployment blocking for HIGH/CRITICAL flaws.

Behavioral Anomaly Detection (ML) - *Python, Scikit-Learn, Docker* *2025 – 2026*

- Developed an ML pipeline for real-time system anomaly detection (Isolation Forest, XGBoost).

Academic Experience

Full-Stack Development Intern - École Normale Supérieure de Fès *June – July 2025*

- Designed an academic management platform (PHP 8.3, MVC architecture, MySQL).
- **Security:** Hardening user inputs against SQLi and XSS vulnerabilities.

Education

- **ENSA Fès** - Engineering Degree in Digital Development and Cybersecurity *2024 – 2027*
- **ENSA Fès** - Integrated Preparatory Cycle *2022 – 2024*
- **Lycée Technique Fès** - Baccalaureate in Mathematical Sciences B *2021*

Licenses & Certifications

- **API Penetration Testing (12 Hours)** – APIsec University *Feb 2026* Credly Badge
- **Top 2% globally on TryHackMe** – Web Penetration Testing & Red Teaming https://tryhackme.com/p/elbouhsainiomar
- **Oracle Academy** – Database Design
- **n8n Automation Mastery** – Advanced Workflow Automation

Associations & Leadership

Vice-President - SecOps Club ENSA Fès *2025 – Present*

- Facilitated training sessions, workshops, and CTF competitions for students.
- Organized large-scale technical events and developed industry partnerships.

Organizer - CyberTech Day 3.0 2025 *December 2025*

- Organized a major event themed "**Zero Trust in the Cloud**".
- Coordinated high-profile speakers (CRI Fès, UPPA France, CHU Fès).

Additional Information

Languages: French , English , Arabic (Native).
Interests: Pentesting, Automation (Scripting), SecOps Tech Watch.