





BISSI Chaima


Engineering Student in Cyber Defense & Embedded Telecommunications Systems


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 Portfolio

 Marrakech

I am a final-year cybersecurity student at ENSA Marrakech, currently looking for a 4 to 6 month PFE internship starting in January. I am passionate about Cloud and DevSecOps, and highly motivated to learn and gain hands-on experience.

TECHNICAL SKILLS

- **Languages & Scripting:** Python, C++, PHP, JavaScript, Shell, Java, React
- **Platforms & OS:** Linux (Kali, Ubuntu, Tsurugi), Windows, VirtualBox, VMware, Proxmox
- **Cloud & DevOps:** AWS (GuardDuty, EventBridge, Lambda, S3, ECS), Docker, OpenStack, VMware ESXi, Eureka
- **Security & Networking:** Wireshark, Volatility, FortiGate, pfSense, GNS3, VLAN, DMZ, WAF
- **Cryptography:** OpenSSL, PKI, digital signatures, hashing functions

EXPERIENCE

- **Ticketing Application Development** - ABSEC | July – August 2025 | PFA Internship
Development of an online ticketing application based on a microservices architecture.
- **Hybrid SOC Implementation** - IMS Technology | July – August 2025 | Open Internship
Design of a hybrid SOC architecture integrating pfSense as firewall, Suricata as IDS/IPS, Wazuh for log collection, and a SOC stack on AWS.

ACADEMIC PROJECTS

- **Cloud-native SIEM (AWS) & threat intelligence** – March 2025 - May 2025
Designed a full SOC stack (TheHive, Cortex, Elasticsearch, MISP) with Docker; integrated threat intelligence and automated incident enrichment.
- **Setup of a virtualized environment (VMware ESXi + vCenter)** – March 2025
Deployed and configured a virtualized infrastructure and essential network services.
- **Hardening as Code** – October 2024 – December 2024
Applied static and dynamic hardening techniques to secure Linux systems.
- **Intelligent Recruitment Web App** — March 2025 - May 2025
Built a web application utilising AI to analyze CVs, score candidates, and simulate asynchronous job interviews.
- **Trust Services Application** – April 2024 – July 2024
Implemented digital certificates, electronic signatures, and cryptographic hash functions.

PERSONAL PROJECTS

- **Secure Home Lab** – November 2024 – January 2025
Set up a home lab with pfSense for network isolation. Integrated Active Directory (AD), Kali Linux for penetration testing on AD, Splunk for AD monitoring, and Tsurugi Linux for forensic investigations.
- **Docker CI/CD pipeline to AWS ECS** – September 2025
Automated CI/CD pipeline that builds a Docker image and deploys it to AWS ECS on every GitHub push.

EDUCATION

National School of Applied Sciences Marrakech

Cyber Defense & Embedded Telecommunications Systems Engineering

2023 - Present

CERTIFICATES

Certified in Cybersecurity (CC) by ISC2 – 2025
AWS Cloud Practitioner Essentials | AWS Training & Certification – 2025
Elastic AI Assistant for Security Operations | ELASTIC TRAINING PROGRAM – 2025

EXTRACURRICULAR ACTIVITIES

- Participated in two Capture The Flag (CTF) competitions, focusing on cybersecurity challenges, problem-solving.
- Treasurer (2024 - 2025) of the Cybersecurity Department Club.

SOFT SKILLS

Teamwork
Time management
Rigour
Flexibility

LANGUAGES

French : Fluent
English : Fluent
Arabic : Native