

# AYOUB MIANE

Casablanca, Morocco

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## Education

### Higher Institute of Technology (EST) Casablanca

Bachelor in Technology: Cybersecurity, Systems Engineering & AI (CISIA)

Sep. 2025 – Present

Casablanca, Morocco

- Coursework: Advanced Java & Spring Boot, DevSecOps, AI/ML Pipelines, Cloud & Kubernetes, Flutter, Cryptography.

### Specialized Institute of Applied Technology Khenifra

Specialized Technician: Digital Infrastructure, Cybersecurity (IDoCS)

Sep. 2023 – July 2025

Khenifra, Morocco

## Experience & Achievements

### DataProtect (Skillslab)

Cyberdefense Administrator Trainee

Aug. 2025 – Oct. 2025

Casablanca, Morocco

- Managed security infrastructure (EDR, WAF, ACLs, SWG)
- Applied ISO 27001 compliance standards and implemented cryptographic protocols.

### WorldSkills Morocco (National Competition)

Cybersecurity Competitor (National Finalist)

July 2025

Casablanca, Morocco

- Competed in Blue/Red Team scenarios; performed real-time forensics and system hardening on Linux infrastructure.

### Court of First Instance

Security Testing Intern

Mar. 2025 – Apr. 2025

Khenifra, Morocco

- Conducted vulnerability assessments identifying 20+ weaknesses; delivered remediation report.

## Technical Projects

### Secure Microservices Backend | Java, Spring Boot, Docker, PostgreSQL

Academic

- Built RESTful microservices with Spring Boot and Docker; implemented JWT authentication and RBAC.
- Optimized database queries achieving 40% faster response times through indexing strategies.

### DevSecOps CI/CD Pipeline | Jenkins, Docker, Python, Bash

Academic (In Progress)

- Building automated Jenkins pipeline with containerized testing and security scanning at each build stage.

### Cloud Infrastructure | DigitalOcean, Ubuntu, Nginx, Cloudflare

Personal (miane.tech)

- Deployed production server; configured Fail2Ban, SSH keys, and Cloudflare WAF.

## Certifications

**LPIC-2: Linux Engineer (201-450 & 202-450) | Cisco CCNA Training | Python Essentials 1 & 2 | Jr Penetration Tester**

## Technical Skills

**Languages:** Java, Python, Bash/Shell, SQL, JavaScript (Node.js - learning)

**Frameworks & Tools:** Spring Boot, Spring Security, Angular, Flutter/Dart (learning), Git, Maven, Jenkins

**DevOps & Cloud:** Docker, Kubernetes (learning), CI/CD, DigitalOcean, VMware ESXi, Linux Administration

**Security:** WAF, EDR, Fail2Ban, ISO 27001, Penetration Testing, Cryptography

**Databases:** PostgreSQL, MySQL, Query Optimization

## Languages

**English:** Professional Proficiency (Fluent) | **French:** Advanced | **Arabic:** Native