

AYOUB MIANE

Casablanca, Morocco

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Education

Higher Institute of Technology (EST) Casablanca

Sep. 2025 – Present

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

Casablanca, Morocco

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

Specialized Institute of Applied Technology Khenifra

Sep. 2023 – July 2025

Specialized Technician: Digital Infrastructure, Cybersecurity (IDoCS)

Khenifra, Morocco

Experience & Achievements

DataProtect (Skillslab)

Aug. 2025 – Oct. 2025

Cyberdefense Administrator Trainee

Casablanca, Morocco

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

WorldSkills Morocco (National Competition)

July 2025

Cybersecurity Competitor (National Finalist)

Casablanca, Morocco

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

Court of First Instance

Mar. 2025 – Apr. 2025

Security Testing Intern

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