Oubella Ismail

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Summary

DevSecOps and platform engineering student building secure-by-default delivery platforms on Kubernetes: CI/CD, GitOps, policy-as-code, supply-chain security and observability. Strong in Terraform/Ansible IaC, with a cybersecurity engineering background. Seeking an end-of-studies internship (PFE) starting January 2027.

Education

National School of Applied Sciences (ENSA) — Agadir, Morocco
Engineering Degree in Cybersecurity & Digital Trust — *September 2024 – Present*

Higher School of Technology (EST) — Essaouira, Morocco
DUT in Computer Science — *September 2022 – June 2024*

Internships

DevSecOps / Platform Security Engineer Intern — July 2026 – August 2026
Onedustry Technologies — *Casablanca, Morocco (Remote)*

- Built a secure-by-default Kubernetes platform (Helm template) so every project inherits scanning, signed artifacts, policy enforcement and observability.
- Hardened CI with fail-closed gates: SAST (Semgrep), SCA, secret scanning (Gitleaks), container scanning (Trivy); SBOM (Syft) and keyless signing (Cosign).
- Delivered GitOps with ArgoCD, Kyverno admission policies, runtime defense (Falco, Cilium), secrets management (ESO + Infisical) and Prometheus/Grafana/Loki monitoring.
- Authored a STRIDE threat model mapping each trust boundary to a control, validated by demonstrating blocked attacks.

DevSecOps Engineer Intern — July 2025
Youssra Trans-Négoce — *Casablanca, Morocco (Remote)*

- Built a secure GitHub Actions CI/CD pipeline (Semgrep, Dependency-Check, Gitleaks, Trivy) for a full-stack delivery tracking app.
- Provisioned DigitalOcean infrastructure with Terraform (VPC, bastion, managed PostgreSQL, DNS) and automated hardening and deployment with Ansible.
- Implemented JWT authentication and RBAC in the Spring Boot backend.

Back-End Developer Intern — April 2024 – May 2024
Encg Agadir — *Agadir, Morocco*

- Built an inventory management app (Laravel, MySQL) with documented REST APIs, deployed on a Linux/Apache server.

Projects

Infodays CTF Platform | *Kubernetes, Terraform, FastAPI, MySQL, Redis, Grafana*

- CTF platform for 50+ teams (200+ concurrent users) on Terraform-provisioned Kubernetes, with a FastAPI service managing isolated per-team challenge pods (RBAC, Cilium).

Cybersecurity Threat Detection Platform | *Spark, Kafka, FastAPI, Grafana, Terraform, Ansible*

- Lambda Architecture processing 6.18M log events (batch + Kafka streaming) with ML threat classification (97% accuracy), deployed on DigitalOcean with Terraform and Ansible.

3assasa-ecom | *Laravel 12, PostgreSQL, Docker, GitHub Actions*

- E-commerce backend (cart, orders, discounts, PayPal/Stripe), containerized and deployed via CI/CD.

Skills

- **Cloud, IaC & CI/CD**: Docker, Kubernetes, Helm, DigitalOcean, Terraform, Ansible, GitHub Actions, ArgoCD.
- **DevSecOps**: Semgrep, Gitleaks, Trivy, Syft, Cosign, Kyverno, Falco, Cilium, STRIDE.
- **Observability & Systems**: Prometheus, Grafana, Loki, Linux, Nginx, DNS, SSH, iptables.
- **Development**: Python, Bash, Java, C/C++, SQL, Spring Boot, Laravel, FastAPI, NestJS.
- **Databases**: PostgreSQL, MySQL, MongoDB, Redis.

Volunteering

CTF Organizer, Info Days (2026) · Training Lead, Cybersecurity Cell, AppsClubs (2024–2025) · Organizer, DigiFest GDG on Campus (2025)