HALOUBI REDA

CYBERSECURITY ENGINEER

+212 63135 4797 | redahaloubi8@gmail.com | haloubi-reda.clarodigi.com | github.com/rhaloubi | linkedin.com/reda-haloubi

SUMMARY

Cybersecurity master's student passionate about fintech and secure systems. Experienced with secure authentication, DevSecOps, and microservices, with a strong focus on data protection, compliance, and cyber-resilience. Eager to contribute to fintech teams building trustworthy, high-performance platforms.

EDUCATION

Cybersecurity Master   Oct 2021 - Jul 2026

School of New Sciences & Engineering – Tangier, Morocco

PROFESSIONAL EXPERIENCE

KLIT.MA   Jun 2025 - Sep 2025
- Contributed to a Next.js + TypeScript project with a large, modular codebase.
- Enhanced UI features while ensuring secure coding and input validation.
- Collaborated on API integration with focus on data integrity and access control.
- Strengthened understanding of secure deployment flows, access control, and data confidentiality in modern web applications.

Claro Digital Service   Jun 2024 - Oct 2024
- Built a Next.js full-stack e-commerce platform (GoldBrand) using Vercel and Neon PostgreSQL.
- Implemented secure authentication, admin dashboard, and SEO optimization.
- Applied web security best practices for data protection and safe API usage.
- Delivered a responsive and production-ready solution for a real client.

PROJECTS

SHRI Marketplace (Microservices Architecture)   **github.com/rhaloubi/shri**

Tech: Go, Next.js, PostgreSQL (Neon), Kubernetes, Docker, JWT, API Gateway
- Designed and developed a secure, distributed marketplace platform using a microservices architecture.
- Built 5 independent services: User Authentication (BetterAuth), Order Management, Product Catalog, Store Management, and an API Gateway.
- Implemented JWT-based authentication, rate limiting, and CORS control at the gateway to ensure secure inter-service communication.
- Deployed services on Kubernetes (4 nodes, 2 pods each) with load balancing for scalability and fault tolerance.
- Integrated CI/CD pipelines via GitHub Actions for DockerHub deployment and SonarCloud code quality checks.
- Emphasized data integrity, secure API design, and principles of least privilege across the architecture.

CRM System for Workflow & Employee Absence Management   **github.com/rhaloubi/DevopsPJ_FE**

Tech: MERN Stack (MongoDB, Express.js, React.js, Node.js), AWS EC2, Vercel, GitHub Actions, SSL
- Developed a CRM system to manage workflows and employee absences, enhancing internal efficiency and visibility.
- Built a secure RESTful backend with Node.js + Express, using JWT authentication and role-based access control.
- Deployed frontend on Vercel and backend on AWS EC2, securing endpoints with an SSL certificate.
- Automated CI/CD pipelines using GitHub Actions, ensuring secure, continuous deployment.
- Focused on data protection, API security, and infrastructure reliability during deployment.

Blue-Green Deployment Pipeline & Infrastructure Automation   **github.com/rhaloubi/Blue-green_Dep**

Tech: Jenkins, Kubernetes (EKS / EC2), Terraform, Docker, SSL, RBAC, GitOps
- Built a blue-green deployment pipeline using Jenkins, integrated with Kubernetes (EKS / EC2) to perform zero-downtime releases.
- Employed Terraform for infrastructure as code: provisioning EKS clusters, EC2 instances, services, RBAC, and networking.

- Crafted Kubernetes manifests (blue & green deployments, services, ingress) and Flows to switch traffic safely between environments.
- Ensured secure infrastructure via SSL, IAM roles, RBAC policies, and least privilege principles.
- Automated CI/CD with Jenkinsfiles, enabling continuous delivery while maintaining environment isolation and rollback capability.

TECHNICAL SKILLS

- Languages: JavaScript, Python, Golang, PHP, HTML5, C# ,Java ,TypeScript
- Frameworks/Tools: Next.js, React.js, Laravel, Node.js, DotNet, Flask, PostgreSQL , MongoDB
- Developer Tools: Git, AWS, Postman, Docker , Prisma, K8s