Rihab Hleli
Telecom Engineer | Cybersecurity

rihabhleli9@gmail.com • +216 51 553 717 • Tunisia
linkedin.com/in/rihab-hleli • github.com/rihabhlali1

Profile

Telecommunications engineer recently graduated with a solid technical background in networking, cybersecurity, cloud and software development. My internships allowed me to work on securing infrastructures (firewalls, IDS/IPS), conducting information system audits, implementing DevSecOps pipelines, and detecting vulnerabilities using deep learning models. Versatile and motivated, I am proficient in Linux/Windows environments, network analysis tools, cloud and automation technologies (Docker, Kubernetes, GitLab CI/CD), and multiple programming languages. Curious and autonomous, I am seeking an opportunity to apply my skills, continue learning, and contribute effectively to a dynamic technical team.

Education

- **Telecommunications Engineering** — ENET'Com Sfax — 2022–2025
- **Preparatory Cycle** — Faculty of Science Monastir — 2020–2022

Professional Experience

Research Intern – Mitacs Canada — Apr–Sept 2025

Applied research focused on automatic vulnerability detection using deep learning models. Worked on dataset collection and preprocessing, neural network training, comparison between traditional SAST techniques and AI-based approaches, and building a full experimental pipeline. Contributed to a prototype improving vulnerability identification accuracy and strengthened skills in applied AI, scientific analysis, and application security.

DevOps Intern – Artibedded, Sfax — Jun–Aug 2024

Responsible for complete dockerization of development environments and automation of CI/CD pipelines under GitLab. Set up processes integrating security scans (SonarQube, Trivy), optimized build and test workflows, and standardized internal environments. Gained strong practical DevSecOps experience, improving both delivery quality and deployment speed.

Web Development Intern – Flesk Consulting — Jul–Aug 2024

Developed an e-commerce platform using Angular and .NET Core: building dynamic components, integrating REST APIs, implementing authentication, and optimizing front-end performance. Contributed to functional testing, documentation, and improving maintainability and code quality.

Academic and Technical Projects

Parapharmacy Web Application (Spring Boot + Angular)

Full development of a web platform including product catalog, shopping cart, orders, customer space, and secure authentication. REST API built with Spring Boot, responsive Angular interface, and clean architecture following best practices.

Network Security with Firewall and IDS

Designed and deployed a secure architecture integrating a firewall and Snort IDS, with advanced filtering, centralized logging, and traffic monitoring. Conducted attack simulations, log analysis, intrusion detection, and developed an incident response plan tailored to tested scenarios.

Information System Audit

Complete audit project including asset inventory, risk assessment, exposure surface analysis, vulnerability identification, and recommendations aligned with ISO 27001. Delivered a structured report covering risks, priorities, remediation measures, and compliance roadmap.

Web Application Security with OAuth 2.0

Implemented OAuth 2.0 authentication within a web application, securing tokens, role management, and protections against XSS, CSRF, and token hijacking. Analyzed the full authentication flow and strengthened backend security following Zero Trust principles.

Complete DevSecOps Pipeline

Built a secure CI/CD pipeline including SAST, IaC analysis, container scanning, and automated Kubernetes deployment. Integrated SonarQube, Trivy, and quality gates to ensure a reliable, traceable, and security-oriented development lifecycle.

Technical Skills

- **Network Security:** Wireshark, Snort, IDS/IPS, firewalling, audits.
- **DevSecOps & Cloud:** Docker, GitLab CI/CD, Kubernetes, Terraform, Jenkins, Ansible, AWS/Azure/GCP.
- **Programming:** Python, C, Java, JavaScript, PHP, Angular, .NET Core, Spring Boot.
- **Testing & APIs:** Postman, Swagger.
- **Databases:** SQL, Oracle.
- **Quality & Monitoring:** Prometheus, Grafana, SonarQube, Trivy.
- **AI/ML:** Deep learning applied to vulnerability detection.

Certifications

- Cisco CCNA 1   • Introduction to Cybersecurity   • DevNet
- EFSET C1   • TOEIC C1

Languages

- Arabic: Native   • English: C1   • French: B2   • German: A1