

# TP3 Report

## Student Information

**Student(s) Name(s):** bilal siki

## Project Repository

**GitHub Link:** <https://github.com/SICROMONOCO/web-dev>

## Project Output

**CV.html**



# BILAL SIKI

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Morocco

## PROFESSIONAL SUMMARY

Cybersecurity student at Ibn Zohr University (FPO), pursuing a bachelor's degree in information security and risk management. Possesses hands-on experience with system monitoring, identity management, and automation through open-source projects like **SMO** and **CyberPack**. Highly organized and adaptable, with strong multitasking and workflow optimization skills using AI-assisted tools. Seeking opportunities in **Bug Bounty, GRC, and IAM**, particularly within startups, small businesses, or government sectors.

## WORK EXPERIENCE & PROJECTS

### System Monitoring and Orchestration (SMO)

Oct 2025 – Present

Ibn Zohr University (FPO) – Academic Project | [GitHub](#) | Morocco / Remote

- Developed a containerized monitoring suite with **Docker Compose**, supporting both host and container metrics.
- Built a **FastAPI** web dashboard and Textual TUI for real-time Linux system monitoring.
- Integrated **InfluxDB** for historical data storage with optional file-based logging.
- Implemented secure **SSH-based remote monitoring** with key authentication.
- Automated deployment for Dockerized and standalone setups, increasing efficiency.
- Leveraged **Python, FastAPI, Uvicorn, WebSockets, psutil, Rich/Textual, and AI-assisted development** to optimize performance.

### CyberPack

June 2025 – Oct 2025

[GitHub](#) | [Live Site](#)

- Built a **React + TypeScript** web app for centralized university resources with **Supabase** backend.
- Implemented data fetching/caching using **TanStack React Query** and interactive charts with **Recharts**.
- Designed modular, accessible UI components using **shadcn/ui** and **Radix UI**.
- Deployed the application on **Vercel** with automated build scripts.

### Portfolio Website

2025

[GitHub](#) | [Live Site](#)

- Developed a responsive portfolio site showcasing projects, UI/UX design, and technical skills.
- Built component-driven UI with **React, TypeScript, Vite, Tailwind CSS, shadcn/ui**, and **Radix UI**.
- Deployed on **Vercel** with streamlined build process.

### SQL Project: Educational Data Management System

2025

[GitHub](#)

- Developed a **Python-based system** to manage educational data with **SQL** database design and queries.
- Built a dashboard for data visualization and reporting.
- Applied software engineering principles to ensure modularity and maintainability.

### Internship – CodeAlpha

Sep 2025 – Oct 2025

Remote

- Engaged in cybersecurity-focused tasks, contributing to practical learning and skill development.

## Cybersecurity Student – Université Ibn Zohr

Sep 2024 – Present

Morocco / Hybrid

- Participated in coursework, labs, and projects emphasizing cybersecurity fundamentals, networking, and operating systems.

## SKILLS & CERTIFICATIONS

### Technical Skills (Beginner/Foundational)

Python Bash scripting SQL HTML CSS Docker Burp Suite Wireshark  
Aircrack-ng vim Git & GitHub Cloud Hosting

### Soft Skills & Cognitive Strengths

Critical Thinking Multitasking Workflow Optimization Adaptability to AI-assisted Tools  
Time Management Task Automation

### Languages

English (C1 – Advanced) French (Intermediate) Arabic (Native)

### Certifications

- Google Cybersecurity Professional Certificate** – Aug 2025
- IBM Introduction to Cybersecurity** – Aug 2025
- ALX Africa / AI & Project Management Skills** – Apr 2025
- EF SET English Certificate (C1 Advanced)** – Nov 2024

## EDUCATION

### Bachelor's (License) in Cybersecurity

Expected Graduation: 2026

Department of Mathematics, FPO, Ibn Zohr University (UIZ), Morocco | [Portfolio](#)

Relevant Projects: SMO, CyberPack

### Baccalauréat, Experimental Science

Sep 2021 – Jun 2024

RAZI HIGH SCHOOL, Taznakhte, Morocco | Grade: Bien

Issued: Jul 2024

Credential ID: 48172bc3828497f02369e5d12a3ded1a500b8685

Skills Highlighted: Time Management, Critical Thinking, Problem Solving

## Notes