

# MOUHIB CHAMSI

## System Engineer

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mouhib-chm/  
chxmxi  
portfolio

## EXPERIENCE

### Summer Internship

#### VERMEG for Banking & Insurance Software

July 2023 – Sept 2023 Lac 1, Tunisia

- Task:** Developed a Java application to track all modifications that had been merged into the trunk.
- Env:** Java Spring Boot, TypeScript, React, Docker, GitLab4j

### Summer Internship

#### Onetech Business Solutions

June 2022 – August 2022 Ariana, Tunisia

- Task:** Implemented a CI/CD pipeline for a Java microservices application.
- Env:** Kubernetes, GitLab-ci, cri-o, Maven, and Jenkins.

## PROJECTS

### DevSecOps Pipeline Implementation

- Provisioned infrastructure using Terraform and AWS.
- Customized node configurations using Ansible.
- Automated the setup of Jenkins agent, users, and plugins.
- Tools:** AWS, Terraform, Ansible, Jenkins, Groovy, SAST & DAST tools.

### Encrypted ChatBox

- Developed a simple ChatBox with Django, utilizing MongoDB and containerized it with an Nginx reverse proxy to provide HTTPS support.
- Tools:** Django, JavaScript, SCSS, MongoDB, Nginx, Docker.

### Face Attendance System

- Implemented a face attendance system using face recognition with Python.
- Tools:** Python3, OpenCV, face\_recognition.

### Backbone MPLS-VPN

- Designed an MPLS-VPN backbone over GNS3.
- Ensured high availability and load balancing.
- Tools:** GNS3.
- Protocols:** MPLS, BGP, OSPF, HSRP, DHCP, EtherChannel, STP.

## ACTIVITIES

### Technical Member at Securinets TEK-UP (Sep 2022 - Present):

- Responsible for setting up and managing the infrastructure for Capture The Flag Competitions.
- Creating web, miscellaneous, and OSINT challenges.
- Fulfilling the role of Webmaster.

### Vice Chairman at Gaming Lab (Sep 2021 - Aug 2022):

- Organized the Global Game Jam Tunisia 2022 Edition.
- Scheduled workshops.

## EDUCATION


### Network and Telecommunications Engineering Student

#### TEK-UP University


2019 – 2024

## CERTIFICATION

 **Red Hat Certified Engineer**  
Mar 2023

 **eJPT - eLearnSecurity Junior Penetration Tester**  
Nov 2022

 **AWS Certified Cloud Practitioner**  
Dec 2022

 **Red Hat Certified System Administrator**  
Mar 2022

## SKILLS SUMMARY

### CI/CD

Ansible Terraform Jenkins Git

### Monitoring

Prometheus Grafana

### containerzation & Orchestration

Kubernetes Docker Podman

### Security & Networking

APIs Security SeLinux OpenSSL  
Load Balancers

### Systems & CPS

Linux Windows AWS Azure

### Coding

Python GO HCL YAML

## HOBBIES

- CTF Player
- Music Producer
- Gaming, Movies
- Reading, walking