

MOUhib CHAMSI

DevOps/SR Engineer

Tunis, Tunisia
+216 51333560
chxmxi

mouhib-chm
chxmxi.tech
chamsii.mouhib@gmail.com

OBJECTIVES

Skilled in Security, Cloud, and DevOps. Eager to pursue CloudSec/DevOps position to tackle real-world challenges and further develop expertise.

EDUCATION

2021 – 2024 **Network and Telecommunications Engineering Student** Ariana, Tunis
TEK-UP University

2019 – 2021 **Graduated Integrated Preparatory Cycle** Ariana, Tunis
TEK-UP University

PROFESSIONAL EXPERIENCE

1/2024 – 6/2024 **DevOps Engineer Intern @Coral-io**
End Of Study Internship
Engineered a comprehensive solution using Ansible, ArgoCD and Renovate to seamlessly deploy and manage bare-metal Kubernetes clusters. The primary focus was on enhancing cluster security through rigorous measures and implementing comprehensive auditing functionalities. Additionally, the solution encompassed advanced backup strategies and continuous monitoring frameworks to maintain optimal cluster performance. To enhance troubleshooting and performance optimization, the system was enhanced with integrated logging mechanisms, ensuring a smooth and efficient operational workflow.
Kubernetes / Ansible / ArgoCD / Gitlab / Kyverno / Vector / Prometheus-stack / Velero / Golang / kube-audit / Pulumi / OpenTofu / Renovate

6/2023 – 8/2023 **Software Engineering Intern @VERMEG**
Summer Internship
Developed a robust Java application that automates tracking code modifications in a complex repository's primary branch using GitLab's REST API. This eliminates the need for time-consuming manual oversight, ensuring accurate code delivery.
SpringBoot / React.js / TypeScript / Gitlab / Docker

6/2022 – 8/2022 **DevOps Engineer Intern @ONETECH-BS**
Summer Internship
Implemented a CI/CD pipeline for a Java Spring-Boot microservices application, streamlining the development process.
Deployed a microservices application within a Kubernetes cluster, optimizing scalability and resource management for greater agility.
Kubernetes / Gitlab-ci / Docker / Maven

PERSONAL PROJECTS

Jan - 2024 **Setting up a secure pipeline for deploying a microservices application on AWS EKS** @University
Provisioned AWS infrastructure using Terraform, established a DevSecOps pipeline with GitLab-CI to deploy a microservices application, ensuring code quality and container image security. Integrated Terrascan for IaC security, KubeClarity for cluster scanning. Implemented Argo CD for seamless and automated deployment on AWS EKS.
tools: AWS EKS / KubeClarity / Gitlab-CI / ArgoCD / Terraform / SonarQube / Terrascan / Grype / Syft / Docker

Oct - 2023 **Implemented a secure pipeline for deploying a microservices application.** @University
Implemented a secure and a robust Jenkins pipeline to streamline the deployment of an Angular-Spring Boot microservices application. Optimizing the deployment process for Angular and Spring Boot microservices.
tools: Jenkins / Nexus / SonarQube / Vagrant / Prometheus / Grafana / Docker / Jacoco

Sep - 2023 **Designing and Implementing an Open-Source Network Operations Center** @University
Ensured smooth integration of selected open-source tools for rapid network problem detection and escalation within a Network Operations Center (NOC) environment.
tools: GNS3 / Loki / Traefik / Prometheus / Grafana / SNMP Exporter / Alertmanager / Docker

Mar - 2023 **DevSecOps Pipeline Implementation** @University
Architected AWS infrastructure through Terraform, ensuring rapid and standardized deployment. Customized node configurations using Ansible, optimizing system performance. Automated the setup of Jenkins agents and user configurations, enhancing operational efficiency.
tools: AWS / Terraform / TerraScan / Ansible / Jenkins / Groovy / SAST / DAST

ACTIVITIES

Technical Member at Securinets TEK-UP

- > *Setting up and managing the infrastructure for Capture The Flag (CTF) Competitions.*
- > *Creating WEB, miscellaneous, and OSINT challenges.*
- > *Fulfilling the role of Webmaster.*

Vice-Chairman GamingLab TEK-UP

- > *Fulfilling the role of Vice President.*

SKILL SUMMARY

Technical:

Linux, AWS, Ansible, Terraform, Docker, Kubernetes, ArgoCD, Prometheus, Grafana, Git, GoLang, Jenkins, SQL, Gitlab-CI, Python, SELinux, OpenSSL, OPA Cloud-Native tools, DevSecOps tools, Network and System Security..

Non-Technical:

Problem-Solving and Troubleshooting enthusiast, Team-oriented, Honest, fast learner.

CERTIFICATIONS

CKA - Certified Kubernetes Administration.

Mar - 2024

AWS SAA - AWS Certified Solution Architect Associate .

Oct - 2023

RHCE - Redhat Certified Engineer.

Jan - 2023

RHCSC - Redhat Certified Specialist in Containers.

Aug - 2023

RHCSA - Redhat Certified System Administrator.

Mar - 2022

AWS CCP - AWS Certified Cloud Practitioner.

Dec - 2022

eJPT - eLearnSecurity Junior Penetration Tester

Nov - 2022.

LANGUAGES

English - proficient

Arabic - native

French - rudimentary