MOUHIB CHAMSI

DevOps/SR Engineer

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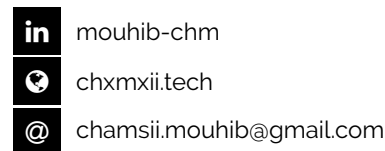chamsii.mouhib@gmail.com

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
End Of Study Internship

Engineering Intern @Coral-io
Engineered a comprehensive solution using Ansible to seamlessly deploy and manage bare-metal Kubernetes clusters following the GitOps paradigm. 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 / Syft & Grype / Renovate
```

6/2023 – 8/2023
Summer Internship

Software Engineering Intern @VERMEG
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
Summer Internship

DevOps Engineer Intern @ONETECH-BS
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 Persident.

SKILL SUMMARY

Technial:
*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