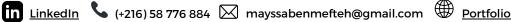
Maissa Ben Mefteh









Education

national institute of applied science and technology

Computer Science Engineering studies Preparatory Cycle to Engineering Studies

INSAT 2019-till date 2017-2019

Professional Experience

Alight, Tunis- DevOps Internship

Deployed a native Kubernetes application

- July, 2021 September, 2021
- Built a CI/CD pipeline that triggers a Jenkins pipeline with every new push to Github. The pipeline performs unit testing, builds a Docker image, pushs it to Nexus, and deploys the app to the Kubernetes cluster with an Ansible role.
- Monitored the cluster and Managed logs using Grafana and Prometheus
- Configured Grafana Loki so that each new alert will trigger a webhook ensuring the execution of a new Job

Tunisie Télécom, Tunis-Infrastructure Automation Internship

July,2020 - August,2020

- Automated the deployment of a web platform with Ansible playbooks: The architecture includes web servers, DNS server and a HAProxy LoadBalancer
- Managed the infrastructure configuration with Ansible in order to increase high availability.
- Secured the infrastructure using Ansible.

Orange, Tunis-System Administration Internship

Juin,2020 - July,2020

- Defined WSO2 profiles affiliated with the different users of an API in order to control traffic (limit the number of requests allowed) and manage the permissions granted.
- Added test scripts using Postman in order to limit API access.
- Migrated WSO2 API Manager Analytics to a separate server in order to improve performance.
- Secured access to APIs using OAuth2 and OpenID Connect protocols

Technical Skills

- Orchestration & Configuration: Terraform Kubernetes Ansible
- Programming Languages: python node.js
- Version Control: Git-GitHub Bitbucket
- Cloud Providers: AWS -Azure Openstack
- Infrastructure: Linux (Ubuntu CentOs) Windows Docker
- CI/CD pipelines : Jenkins Gitlab Azure DevOps
- Monitoring & Logging: Grafana Loki Prometheus
- Databases: MongoDB MySQL
- Virtualization: Vmware Virtualbox
- Collaboration: Slack Trello Microsoft Teams

Projects

- · Automated the deployment of a multi-tier application on Openstack with Terraform and Ansible
- Deployed an AWS ECS Cluster Using Terraform
- Built a pipeline with Azure DevOps that deploys a python application to AKS
- Deployed High Availability Jenkins on AWS with Terraform.

Certifications

- Oracle cloud infrastructure foundations certified Associate-2020
- Microsoft Technology Associate MTA-Networking
- LPI-C1(101 & 102) dates des examens : Octobe 6th and 13th, 2021

Clubs & International Programs

- Cloud Track Mentor at "Google Africa Developer Scholarship Program" GADS | June, 2021- till date
- Member in the "Africa Future Leader 2020 -cohort 3"
- Participated in "Google Africa Developer Scholarship" | June, 2020- March 2021:
- Junior ambassador for Erasmus+
- Sponsoring team leader at the "National Cybersecurity Conference 2019"

Languages

- Arab : First Language
- French: Advanced
- English : Advanced

Interests