Dhaker Sghaier

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PROFILE

As a DevOps enthusiast, I have hands-on experience in the AWS Cloud, configuration management via Ansible, and building CI/CD pipelines with Jenkins. My commitment to mastering the principles and tools of DevOps stimulates me to contribute meaningfully to collaborative teams as I continue to develop my skills.

EXPERIENCE

SW Consulting - Full-time DevOps   **10/2023 - Present**
   DevOps & Cloud Engineer

- Dockerize and Adapt containerization's concept of all existing projects.
- Setting up a robust infrastructure for each project using AWS CLI and Terraform, guaranteeing simplified cloud resources's management .
- Deploy Jenkins CI/CD pipelines for microservices architecture projects.
- Automatic backup management.
- Deploy AWS Lambda functions for cost optimisation.
- Setup monitoring Dashboard using Prometheus and Grafana.

TOOLS: Terraform, Jenkins, Bash, Docker,AWS RDS EC2 CloudWatch Lambda S3, Prometheus et Grafana.

SW Consulting - Intenship   **07/2023 - 09/2023**
   DevOps & Cloud

- Set up the cloud infrastructure with Terraform for a single project.
- Automated system configurations using custom Ansible playbooks.
- Used Docker for containerisation, simplifying application deployment.
- Created Jenkins CI/CD pipeline for code deployment.

TOOLS: Terraform, Jenkins, Ansible, Docker,AWS RDS EC2

ADN Expertise - End Of Study Internship   **02/2023 - 06/2023**
   Cloud & DevOps

Completed two projects with AWS, demonstrated my expertise in Cloud architecture design, AWS services and data analysis. These projects included:

- implementation of the AWS Organization service for Organizational requirement.
- designed Cloud architecture for predicting student results, in line with organisational objectives.

TOOLS: AWS Services, JSON, Terraform

SOTUPA - Internship   **06/2022 - 08/2022**
   Networking

Ensuring the stable operation of computer networks. This includes planning, installing, configuring, maintaining and optimising all network hardware, software and communication links.

TOOLS : Linux, Cisco CLI, NAC, NMS, Firewall

REALISED PROJECTS

Implemention of Microservices Architecture with Spring Boot, Eureka, API Gateway and Config-Server :

- Set-up Spring Cloud Netflix Eureka for the dynamic Service discovery and registration of services instances.
- Configure API Gateway with Spring Cloud Gateway for centralised entry points management .

- Deploye Config Server with Spring Cloud Config for centralised and dynamic management of microservices configuration.

TOOLS : Netflix SpringBoot Stack , Docker ,EC2

Azure Customer Environment Management :

- Develop multi-tenant system with automated database provisioning in Azure.
- Provision databases in Azure Flexible MySQL Server Using Azure CLI.
- Develop a script triggered by a webhook as soon as a user purchases a subscription, automating the process of creating an environment for the new customer.
- Implement security mesurments ensuring data isolation between different environments.

TOOLS : Azure CLI, Azure MySQL Flexible Server,Github Actions

Development of Automated EC2 Instance Management System for Cost Optimisation on AWS:

Implementation of an automated system using **AWS Lambda** and **Amazon EventBridge** to stop and start EC2 instances with "DEV" Tags after working hours and at weekends, ensuring continuous optimisation of costs while maintaining the availability of resources needed for development.

TOOLS

- Bash, Python
- Linux, Windows shell
- Git
- AWS cloud (AWS CLI)
- Spring Cloud (Eureka API Gateway)
- MySQL

- Docker (compose /Swarm)
- Terraform
- Ansible
- Jenkins, Github Actions
- Azure CLI
- Prometheus,Grafana

CERTIFICATIONS

- **CCNA1 :** Configure, maintain and troubleshoot network equipment.
- **CCNA2** : Initial router configuration, Cisco IOS software management, TCP/IP routing protocol configuration..
- **AWS Academy Cloud Foundations.**
- **Fundamentals of Accelerated Data Science from NVIDIA.**

EDUCATION

Computer Science Engineering   **Present**
(Adapted course)
Ecole Pluridisciplinaire International of Sousse EPI

Licence in Telecommunications   **2020-2023**
High Institut of Information and Communication Technologies Hammem Sousse

Baccalauréat Technique   **2020**
High School Sayada, Monastir

ADDITIONAL ACTIVITIES

Nuit de L'info Challenge: 2nd place worldwide
Pitch Challenge   **December 2022**

Media Manager ATAST Club ISITCOM
Community Manager   **2021-2022**
Content Director

B-TECH COMPETITION
2nd place in the competition   **2021**
Best club coach prize

Scouts
Team Leader   **2008-2018**

Wrestling
One time Tunisia champion   **2008-2017**