Louay KHROUF

✉ louaykharouf@gmail.com   📞 +33 6 35 02 70 13   📍 Montpellier , France   in LinkedIn   ○ GitHub

👀 Medium   🔗 My Website

Skills

- Dynatrace , Neoload , Docker , Prometheus , Grafana , AWS , GitLab , Kubernetes , AKS , Jenkins , ArgoCD ,Ansible , Terraform , SonarQube , Azure , GCP
- Dynatrace Carbon module , JoularJX , Intel PCM , Scaphandre , PowerJoular
- ReactJS , Laravel , NestJS , NodeJS , ExpressJS , SpringBoot , MySQL , MongoDB , Git , Junit , Maven
- Java , JEE , Python , SQL , C++ , C , JavaScript

Professional Experience

04/2024 – present Montpellier, France	**R&D in the GreenIT Field,** *Berger-Levrault* • Instrumentation for energy consumption analysis • Identifying energy hotspots • Comparing alternative desing solutions (e.g., RPC vs Rest, Mono vs Microservices) • Perfomance load testing for energy measrument • Application deployment on cloud and on premise • PowerJoular , Intel PCM , Neoload , Dynatrace , Java , SpringBoot , Docker , AWS , Gitlab , Scrum
07/2023 – 09/2023 Gabes, Tunisia	**FullStack , Devops Engineer,** *TmKiiN Dev Informatique* • Development of a payment system • Design of a CI/CD pipeline • Laravel , Docker , Scrum , Jenkins , Github , AKS (Azure Kubernetes Service) , K8S , MySQL
07/2022 – 08/2022 Gabes, Tunisia	**Web Developper,** *TmKiiN Dev Informatique* • Development of a web application for managing car and health insurance. • Development of the Frontend website and the backend API to be used for the flutter mobile application • Laravel , MySQL , Scrum

Education

09/2018 – 10/2024	**Network and Telecommunications Engineering Student,** *National Institute of Applied Sciences Technology (INSAT)* Engineering Degree in network and telecommunication with the specialization on Cloud and virtualisation

Projects

05/2024	**Automation of the Deployment of a Web App on an EC2 instance** Set up a GitLab Pipeline to provision an EC2 instance using Terraform , configure this instance and deploy the web app using Ansible (AWS , Gitlab , Terraform , Docker , Ansible)
02/2023 – 06/2023	**CloudiVops** Development of a platform for creating and managing virtual machines on Azure, along with monitoring of these resources.(ReactJS , MongoDB, Ansible , Terraform , Jenkins , ExpressJS , Azure , Azure Monitoring)
07/2023 – 08/2023	**FilesRepo** A MERN application enabling the user to create a storage space within Azure and manipulate it through a set of pipelines. (ReactJS , MongoDB, ExpressJS , Kubernetes , Azure , AKS, Terraform , Jenkins)
10/2023	**K8S Multi-Cluster Monitoring** Provision 2 clusters using Terraform , install Prometheus inside each cluster and install grafana in an Azure VM and make the monitoring of each cluster using Jenkins pipelines.(Terraform , Azure , AKS, Jenkins , Prometheus , Grafana)
11/2023	**Automation of Monitoring installation tools** Jenkins Pipeline to provision an Azure VM using Terraform and install Grafana and Prometheus using Ansible (Jenkins , Ansible , Terraform , Azure, Prometheus , Grafana)
04/2023	**Todo - APP** A small application to add, delete, or modify Todos. The application is equipped with a pipeline to automate its deployment on a virtual machine. (Laravel , Docker , Azure , Jenkins , Ansible , Terraform)
01/2023	**Testiny** Platform for managing technical tests within a company, equipped with a fraud detection system (ReactJs , NestJS , Python , Docker)
01/2022	**CTF plateform** Plateform to offer a hosting space to launch CTFs (laravel)

Certificates

- GCP Associate Cloud Engineer ↗

Languages

- French   • English   • Arabe

Organizations

- ACM INSAT   • Google Developer Student Clubs INSAT   • Securinets INSAT