Mohamed Firas DAHECH
Cloud & DevOps Engineer

A recent graduate specializing in Cloud Computing and Virtualization. Strong command of DevOps practices, automation tools, CI/CD pipelines, and Infrastructure as Code (IaC), along with solid networking knowledge.

- ✉ firas.dehech@gmail.com
- 🏠 Bizerte
- 📅 Date of birth 24/04/1999
- 📍 Tunis
- 📞 92 690 450

Languages

French
(Fluent)

English
(Good/Working Knowledge)

Assets

Strong ability to efficiently solve technical problems.

Rapid adaptability to new technologies and methodologies.

Interests

Football, Handball, Travel

Skills

Monitoring & Log Analysis: ELK Stack (Elasticsearch, Logstash, Kibana).

Security & Identity Management: Keycloak.

Automation Tools: Ansible, Puppet, Terraform.

Programming Languages: Python, Bash, PL/SQL, Java, PHP, HTML, CSS, JavaScript

Frameworks & technologies : React, Node.js, Spring Boot, Express.js

Networking: CCNA 1, CCNA 2, CCNA 3, Packet Tracer, GNS3, eNSP, Wireshark, Snort

Databases: Oracle, Wamp-server, Xampp, MySQL, Easy-php

Cloud Infrastructure: AWS, AZURE, OCI, OpenStack

Virtualization: Docker Desktop, VirtualBox, VMware, KVM, Hyper-v

Containerization: Docker, Kubernetes, OpenShift

System Administration: Linux, Windows, Active Directory

CI/CD Pipeline: GitHub Actions, Jenkins, Gitlab

Education

Engineering Degree in Computer Science, Specialization: Cloud Computing and Virtualization
From 2022 to 2025 iTeam University Tunis, TU, Tunisia

Bachelor's Degree in Computer Technologies, Specialization: Networks and IT Services
From 2019 to 2022
Institut Supérieur des Études Technologiques de Bizerte Bizerte, BZ, Tunisia

Baccalaureate in Computer Science
From 2014 to 2018 Lycée El Alia Bizerte, el alia

Work experience

End-of-Studies Internship (PFE) - Engineering Cycle
From March 2025 to June 2025 Huawei technologies Tunis, lac2
Developed a cloud marketplace using React and Node.js, based on a containerized microservices architecture (Docker), with automated service provisioning via Terraform.

Advanced Training Internship
From July 2024 to August 2024
Tuniso-Séoudienne d'Investissement(Tsi) Tunis, centre urbain nord
Network Administration (Active Directory): Managed user accounts, services (DNS), and the corporate domain.

End-of-Studies Internship (PFE) - Bachelor's Cycle
From February 2022 to June 2022 Tunisie Telecom Tunis, lac2
Implemented a private cloud using OpenStack and integrated a Big Data solution for processing and analyzing massive data.

Advanced Training Internship
From July 2020 to August 2020 Les Ciments de Bizerte Bizerte
Designed and developed an application for network analysis and monitoring of IT equipment (servers).

Selected Projects

VMaster – Virtual Machine Management Application (VirtualBox)
Developed an application to automate and manage virtual machines using VirtualBox and VBoxManage, enabling VM lifecycle operations and resource configuration

Kubernetes Cluster Management on OCI
Created and managed a Kubernetes cluster on Oracle Cloud (OCI) to host applications, with CI/CD integration via GitHub Actions.

Development of a Business Management Application
Developed a Python application with the Tkinter library to create a graphical interface for inventory management (sales, purchases, and stock), client management, and cash register management.

Creating a CI/CD Pipeline
Implemented a CI/CD pipeline to containerize an application, test for vulnerabilities with Trivy scan, and deploy to a server using Jenkins and GitHub.

OpenStack Implementation
Deployed OpenStack on a server to manage a private cloud infrastructure.

Setting up the ELK Stack
Deployed a solution for collecting, analyzing, and visualizing logs to improve monitoring of a distributed system.