Abdallah Saidane

DevOps Engineer

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Profile Summary

Final-year Engineering student in IT Infrastructure and Cloud Computing, seeking a 6-month full-time graduation internship in Cloud/DevOps starting January 2026. Skilled in Kubernetes, CI/CD, Terraform, AWS, with strong motivation to learn, adapt, and contribute effectively to secure cloud-native environments

Experience

SINDIBAD GROUPE – DevOps Engineer Intern   Tunisia, Jun 2025 – August 2025

- Containerized a full-stack application (Spring Boot + Angular) with Docker — achieving **60% faster** deployments on VPS.
- Implemented Prometheus & Grafana for real-time CPU/RAM/disk monitoring — improved incident response by **40%**.
- Automated MySQL backups with Bash (secure NAS transfer over SSH), deployed HTTPS certificates, and built a multi-server monitoring web app — reduced manual operations by **90%** and improved management efficiency by **50%**.

VITALAIT – Chatbot Management Intern   Tunisia, Jun 2024 – Jul 2024

- Built a Microsoft Copilot chatbot to answer FAQs from a database and handle non-listed queries with AI.
- Automated responses to reduce agent workload — achieved **2-second average response time** and **90% user satisfaction**.
- Collected & analyzed user interaction data to generate reports and propose upgrades such as voice recognition and sentiment analysis.

Projects

SaaS Platform on Private Cloud — OpenStack, Java, Angular, Docker, Kubernetes, Heat, RabbitMQ

- Developed and deployed a secure SaaS platform on a private OpenStack cloud — microservices in Java with Angular frontend, orchestrated via Kubernetes and automated with Heat & CI/CD.
- Implemented API Gateway, RabbitMQ messaging, and Prometheus/Grafana monitoring — ensuring **high performance, scalability, and high availability**.

ODYSSEE VOYAGE Platform — Symfony, Media Upload, Hotel & Service Management

- Developed a Symfony-based platform combining multimedia upload (images, music) with centralized hotel & service management — streamlined reservations, pricing, and special offers while enhancing user experience.

Terraform VPC & Security Infrastructure — Terraform, AWS VPC, IAM, RDS, KMS, WAF, IaC

- Built reusable Terraform modules to automate AWS VPCs (subnets, SGs, route tables) and secure infrastructure (IAM roles, RDS encryption with KMS, WAF), cutting deployment time by **70%** and ensuring consistent.

Education

Private Higher School of Engineering and Technologies (ESPRIT), Tunisia   Sep. 2022 – Present
Master of Science in **IT Infrastructure and Cloud Technology**

Preparatory Institute for Engineering Studies of Monastir (IPEIM), Tunisia   Sep. 2020 – 2022
Preparatory Studies for Engineering : **Technology**

Technical Skills

Programming: Python, Java, JavaScript, PHP, C/C++, Shell Script

Frameworks/Tools: Spring Boot, Angular, Symfony, Docker, Kubernetes, Jenkins, Maven, Gradle, MySQL, Nginx

Virtualization/Systems: QEMU/KVM, OCI/Docker Images, Linux System Administration

Cloud/DevOps: AWS, GCP , Terraform, OpenStack, Ansible, Grafana

Languages: French (B2), English (B2), Arabic (C2)