



SAIF ELLAH DEBBICHE

DevOps and Cloud Engineer

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ABOUT ME

Software & DevOps Engineer | Full-Stack Specialist (Spring Boot/Angular) and Cloud Automation. Expert in securing critical infrastructure and Kubernetes deployment. Passionate about optimizing CI/CD pipelines and technical excellence.

EDUCATION

Higher School of Engineering and Technologies – ESPRIT

2022 - 2025

Master of Engineering in Software Engineering – IT Architecture and Cloud Computing

Higher Institute of Applied Sciences and Technology of Mateur – ISSAT Mateur

2019 - 2022

Bachelor's degree in computer science

High School Farhat Hached Makthar

2019

High school diploma in Mathematics

EXPERIENCE

Nov 2025 – Jan 2026

Freelance

Full-Stack & DevOps Engineer

- Full-Stack Solution: Architected and deployed a comprehensive management platform featuring a client portal and an administrative back-office.
- Monorepo Architecture: Developed a Spring Boot backend and two Angular frontend applications integrated within a unified monorepo structure.
- Automation: Engineered a complete CI/CD pipeline using GitHub Actions for automated build and deployment to cloud hosting.

Jan 2025 – Jul 2025

Vermeg

Full-Stack & DevOps Intern

- Secure Development: Designed and developed a corporate budget management application using Spring Boot and Angular.
- Security Implementation: Integrated digital certificate authentication (.p12) and Multi-Factor Authentication (TOTP/MFA).
- Cloud Infrastructure: Orchestrated a containerized environment on a Kubernetes cluster, automated via GitLab CI/CD with custom runners and automated unit testing.

Jul 2024 – Sep 2024

ESPRIT

Software Engineering Intern

- AI-Driven Automation: Developed an intelligent configuration management system using a Python agent, Spring Boot, and Angular to automate infrastructure compliance monitoring.
- Container Orchestration: Managed multi-container applications with Docker and Kubernetes, integrating automated drift detection via CMDB.

Jul 2023 – Aug 2023

ESPRIT

Software Engineering Intern

- Healthcare Solutions: Built a meal planning web application for elderly care facilities using React and Spring Boot, featuring health-specific dietary management.

Jan 2022 – May 2022

Valomnia

Mobile & Web Development Intern

- Cross-Platform Development: Delivered a business solution using Node.js, React, and Flutter with REST API integration.
- Real-time Analytics: Developed a sales analysis dashboard featuring real-time reporting, push notifications, and performance tracking.

SKILLS

Programming languages :

Java, Python, TypeScript, Bash

DevOps :

GitLab CI/CD, Jenkins, Ansible, Terraform, Docker, Kubernetes, Prometheus, Grafana, AWS

Frameworks :

Angular, SpringBoot, NodeJs, React, Symfony

Databases :

MySQL, PostgreSQL, MongoDB

PROJECTS

DevOps Project : CI/CD Pipeline Setup

Implemented a secure, automated CI/CD pipeline for a full stack application using Jenkins

Tools: Jenkins, Maven, JUnit, Git, SonarQube, Nexusn Docker, Prometheus, Grafana, Vagrant ...

Cloud Project : Configuration IaaS PaaS SaaS

Installed and configured a private cloud infrastructure to manage various deployed solution

Tools: OpenStack, Docker, Kubernetes, Ansible, Prometheus, Grafana

Web Application

Development of a full-stack web app for camping planning

Tools: Java Spring Boot, Angular, MySQL, Postman

Network Security Project

Improved network security, traffic control, filtering rules, LAN/DMZ/WAN security.

Tools: pfSense, OpenVPN, Snort

Cross-Platform Application

Development of the user module, double authentication, JWT tokens, and role management

Tools: Symfony, JavaFX, Codename One, MySQL, Postman ...

LANGUAGES

French

Bilingual

English

Full professional capacity

Arabic

Native language