



# 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	<b>Full-Stack &amp; DevOps Engineer</b> <ul style="list-style-type: none"><li>Full-Stack Solution: Architected and deployed a comprehensive management platform featuring a client portal and an administrative back-office.</li><li>Monorepo Architecture: Developed a Spring Boot backend and two Angular frontend applications integrated within a unified monorepo structure.</li><li>Automation: Engineered a complete CI/CD pipeline using GitHub Actions for automated build and deployment to cloud hosting.</li></ul>
Jan 2025 – Jul 2025 Vermeg	<b>Full-Stack &amp; DevOps Intern</b> <ul style="list-style-type: none"><li>Secure Development: Designed and developed a corporate budget management application using Spring Boot and Angular.</li><li>Security Implementation: Integrated digital certificate authentication (.p12) and Multi-Factor Authentication (TOTP/MFA).</li><li>Cloud Infrastructure: Orchestrated a containerized environment on a Kubernetes cluster, automated via GitLab CI/CD with custom runners and automated unit testing.</li></ul>
Jul 2024 – Sep 2024 ESPRIT	<b>Software Engineering Intern</b> <ul style="list-style-type: none"><li>AI-Driven Automation: Developed an intelligent configuration management system using a Python agent, Spring Boot, and Angular to automate infrastructure compliance monitoring.</li><li>Container Orchestration: Managed multi-container applications with Docker and Kubernetes, integrating automated drift detection via CMDB.</li></ul>
Jul 2023 – Aug 2023 ESPRIT	<b>Software Engineering Intern</b> <ul style="list-style-type: none"><li>Healthcare Solutions: Built a meal planning web application for elderly care facilities using React and Spring Boot, featuring health-specific dietary management.</li></ul>
Jan 2022 – May 2022 Valomnia	<b>Mobile &amp; Web Development Inter</b> <ul style="list-style-type: none"><li>Cross-Platform Development: Delivered a business solution using Node.js, React, and Flutter with REST API integration.</li><li>Real-time Analytics: Developed a sales analysis dashboard featuring real-time reporting, push notifications, and performance tracking.</li></ul>

## SKILLS

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### 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

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### DevOps Project : CI/CD Pipeline Setup

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

**Tools: Jenkins, Maven, JUnit, Git, SonarQube, Nexusrn 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

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### French

Bilingual

### English

Full professional capacity

### Arabic

Native language