

# Saif Eddine Keraa

+216 28086690 · saifeddine.keraa@ipsas.tn · [www.linkedin.com/in/saif-eddine-keraa-2838a71b9](https://www.linkedin.com/in/saif-eddine-keraa-2838a71b9) · <https://saifportfo.netlify.app/>

Sfax, Tunisia

## FULL STACK & DEVOPS ENGINEER

Results-driven Full Stack & DevOps Engineer with hands-on experience building scalable applications and automating infrastructure. Proficient in CI/CD, IaC, Docker/Kubernetes, cloud services (Azure, AWS), and modern web stacks. Proven ability to secure systems, optimize performance, and collaborate in Agile environments.

## PROFESSIONAL EXPERIENCE

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### DevOps & Full Stack Engineer – Final Year Internship

*IoVision | Feb 2025 – June 2025*

- Provisioned Microsoft Azure infrastructure (VMs, VNets, NSGs) using Terraform for Infrastructure as Code (IaC).
- Automated deployments of Node.js, React, and PostgreSQL microservices using Ansible.
- Created manual test cases and test plans for frontend and backend features.
- Performed API testing using Postman and automated UI testing using Playwright.
- Reported bugs and tracked resolution in Jira with full QA lifecycle.
- Implemented CI/CD pipelines with GitHub Actions including unit testing, SAST, and vulnerability scans.
- Monitored system metrics and health with Prometheus and Grafana dashboards.

### Full Stack Developer – Internship

*ASM | July 2024 – August 2024*

- Built a secure real-time chat application using Flutter (frontend) and Spring Boot (backend).
- Improved data security by 25% by securing API communication and user sessions.
- Optimized backend performance and reduced latency for smoother UX.
- Managed MongoDB database schema for user authentication and chat storage.

### DevOps Developer – Internship

*TEKABDEV | July 2023 – August 2023*

- Developed scalable web apps using Vue.js and NestJS, containerized with Docker.
- Built enterprise CRUD features and streamlined workflows for business clients.
- Delivered reusable, responsive UI components focused on usability.

## **Full Stack Developer – Internship**

### ***Integration Technology | Feb 2022 – May 2022***

- Led full-stack development of a Covid-19 response app (web & mobile).
- Designed a geolocation service to track available oxygen devices in real time.
- Built a contact platform to connect users with health services.

## **Full Stack Developer – Internship**

### ***Integration Technology | Aug 2021 – Sept 2021***

- Designed an intuitive frontend to report public infrastructure issues (e.g., streetlight outages).
- Created a dashboard aggregating incident reports with real-time geolocation data.

## **SIDE PROJECTS**

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### **AI Image Generation App | Midjourney & DALL·E Clone**

- Built and deployed a full-stack MERN image generator with AI features inspired by DALL·E.
- Integrated Cloudinary for media storage and deployed on Render.

### **Fitness App**

- Developed a fitness application using two APIs with features like category/muscle filters.
- Enhanced UX by 40% with YouTube video integration and paginated UI.

## **EDUCATION**

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### **Master's Degree in Software Engineering**

IPSAS – Private Polytechnic Institute of Advanced Sciences of Sfax | 2022 – 2025

### **Bachelor's Degree in Computer Science**

ISIMS – Higher Institute of Computer Science and Multimedia of Sfax | 2019 – 2022

## **TECHNICAL SKILLS**

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Frontend: ReactJS, Angular, Vue.js, Flutter, HTML5, CSS3, TypeScript

Backend: Node.js, Express.js, NestJS, Spring Boot, Python, Java

Databases: PostgreSQL, MongoDB, MySQL

Infrastructure as Code: Terraform, Ansible

Containers & Orchestration: Docker, Kubernetes

CI/CD & Monitoring: GitHub Actions, Jenkins, Grafana, Prometheus

Systems & Scripting: Linux, Bash

Cloud & Security: Microsoft Azure, AWS, DevSecOps

## **CERTIFICATIONS**

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Ansible – KodeKloud

AWS ECS – KodeKloud

Grafana Loki – KodeKloud

Red Hat Certified System Administrator (RHCSA) – KodeKloud (Simulation-based)

CompTIA Security+ (IT Fundamentals & Security) – KodeKloud

## **LANGUAGES**

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French

English

Arabic

German