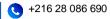


# Saif Eddine Keraa

# Full Stack & DevOps Engineer







\_saifportfo.netlify.app

## **Profile**

Results-driven Full Stack & DevOps Engineer with expertise in Cloud Computing (Azure, AWS), Infrastructure as Code (Terraform, Ansible), and container orchestration (Docker, Kubernetes). Skilled in Full Stack JavaScript development (MERN: MongoDB, Express, React, Node.js) and in implementing secure CI/CD pipelines (unit tests, SAST, DAST, vulnerability scans). Experienced in system monitoring with Prometheus & Grafana. Familiar with Agile/Scrum methodologies, with a proven ability to deliver scalable, reliable, and high-performance applications.

## **Technical Skills**

- Frontend: ReactJS, Angular, Vue.js, Flutter, TypeScript, HTML5, CSS3
- Backend: Node.js, Express.js, NestJS, Spring Boot, Python, Java, API REST, PHP, ASP.Net
- · Databases: PostgreSQL, MongoDB, MySQL
- · Infrastructure & Automation: Docker, Kubernetes, Terraform, Ansible
- CI/CD & Monitoring: GitHub Actions, GitLab CI/CD, Jenkins, Grafana, Prometheus, ELK
- · Systems & Scripting: Linux, Bash

Cloud & Security: AWS, Microsoft Azure, DevSecOps, OWASP

# **Professional Experience**

# DevOps & Full Stack Engineer - Final Year Project | IoVision

Feb 2025-Jun 2025

- Containerization of microservices using Docker & Docker Compose (multi-container setups, networks ...)
- · Provisioned Microsoft Azure infrastructure (VMs, VNets, NSGs) with Terraform (IaC)
- Automated deployments of microservices (Node.js, React, PostgreSQL) with Ansible
- · Designed manual test plans for front-end and back-end features
- · Conducted API testing (Postman) and automated UI testing (Playwright)
- Managed full QA lifecycle (bug tracking, reporting, resolution via Jira)
- Built CI/CD pipelines (GitHub Actions) including unit tests, SAST, DAST, and vulnerability scans resulting in a 40% reduction in production errors and a 30% acceleration of the deployment cycle
- Implemented system monitoring with Prometheus & Grafana (dashboards and metrics)

### Full Stack Developer Intern | ASM

Jul 2024-Aug 2024

- Developed a real-time chat application (Flutter + Spring Boot)
- Increased API & session security by 25% through authentication and encryption mechanisms
- · Optimized backend to reduce latency and enhance user experience
- · Managed MongoDB for authentication and message storage

- Built scalable web applications with Vue.js (frontend) and NestJS (backend), deployed in Dockerized environments for portability and performance
- Implemented complex business CRUD features for enterprise clients, improving internal process management and productivity
- Designed and integrated responsive, reusable UI components, enhancing UX and reducing development time

## Full Stack Developer Intern | Integration Technology

Aug 2021-May 2022

- Developed a Covid-19 Web & Mobile Application: built with Flutter (mobile), PHP & Firebase (backend), including an admin dashboard, real-time geolocation of oxygen devices, and healthcare connection services
- · Created a Public Incident Management Platform: front-end interface, backend in Java/PHP with real-time geolocation, and interactive dashboard for incident tracking

# **Projects**

#### Al Image Generation App | Clone Midjourney & DALL-E

- · Developed and deployed a Full Stack MERN Al-powered image generation app powered by Al, leveraging the OpenAI API and inspired by DALL-E
- · Integrated Cloudinary for media storage and deployed on Render

## Fitness Application

- Built a fitness application consuming two APIs with category and muscle-based filtering features
- Improved user experience by 40% through YouTube video integration and a paginated interface

## Education

National Engineering Degree in Software Engineering (CTI Accredited, EUR-ACE Label) Sep 2022-Jul 2025

· Private Polytechnic Institute of Advanced Sciences

Sfax. Tunisia

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

Sep 2019-Jul 2022

· Higher Institute of Computer Science and Multimedia

Sfax, Tunisia

# Certifications -

- DevOps & Infrastructure: Ansible (KodeKloud), AWS ECS (KodeKloud)
- · Monitoring & Observability: Grafana Loki (KodeKloud)
- Systems & Administration: RHCSA Red Hat Certified System Administrator (Simulation KodeKloud)
- Security: CompTIA Security+ (KodeKloud), Introduction to Ethical Hacking and IOT Cybersecurity/IoT Equipment Penetration Test (IT-CyberSec Expert)

## Languages

· Arabic (Native) French (B2) English (B2)
German (B1)