Saif Eddine Keraa

Full Stack & DevOps Engineer

in/saif-eddine-keraa/ | Haddedseif746@gmail.com | +216 28 086 690

saifportfo.netlify.app

Profile

Full Stack & DevOps Engineer with a sharp focus on automation, scalability, and security.

I design, containerize, and deploy production-grade systems prioritizing speed, reliability, and observability.

My work blends DevOps practices (Terraform, Ansible, CI/CD, monitoring) with modern JavaScript ecosystems (React, Node.js, NestJS) to deliver clean, fast, and secure systems

Open-source contributor and author of two React NPM packages, building reusable, community-grade tools

Technical Expertise

- **Frontend:** ReactJS, Angular, Vue.js, Flutter, TypeScript, HTML5, CSS3
- **Backend:** Node.js, Express.js, NestJS, Spring Boot, FastApi, REST API, ASP.Net
- **Databases:** PostgreSQL, MongoDB, MySQL, Firebase
- **Infrastructure & Automation:** Docker, Kubernetes, ArgoCD, Terraform, Ansible
- **CI/CD & Monitoring:** GitHub Actions, GitLab CI/CD, Jenkins, Grafana, Prometheus, ELK
- **Cloud & Security:** AWS, Azure, Cloud Security & DevSecOps, OWASP, SAST/DAST, Vulnerability Scans
- **Systems & Scripting:** Linux, Bash

Professional Experience

DevOps & Full Stack Engineer - Final Year Project | IoVision   *Feb 2025-Jun 2025*

- Built a production-ready CI/CD pipeline with ArgoCD, unit tests, SAST (SonarQube), DAST (OWASP ZAP), and vulnerability scans (Trivy, Snyk) — reducing production incidents by 40% and accelerating deployment by 30%
- Automated Azure infrastructure provisioning (VMs, VNets, NSGs) using Terraform, achieving full reproducibility
- Deployed and managed microservices (Node.js, React, PostgreSQL) in Dockerized and Kubernetes-orchestrated environments using Ansible and Helm
- Designed an observability stack (Prometheus, Grafana, Loki) to monitor system health, reduce MTTR, and enable proactive alerting with Discord notifications for build and deployment metrics
- Integrated automated testing (Postman, Playwright) and QA workflows through Jira, improving issue turnaround time

Full Stack Developer Intern | ASM   *Jul 2024-Aug 2024*

- Engineered a real-time chat platform (Flutter + Spring Boot) with secure session handling and encrypted messaging
- Reinforced API endpoints and data flows, improving security & latency by 25%
- Optimized backend query handling for faster user interactions under load
- Managed MongoDB authentication & messaging collections with controlled access policies

Full Stack & DevOps Developer Intern | TEKABDEV   *Jul 2023-Aug 2023*

- Delivered a containerized enterprise web system (Vue.js + NestJS) deployed with Docker Compose
- Designed complex business modules improving process traceability and automation
- Built modular UI components that cut development time by 30% and improved UX coherence

Full Stack Developer Intern | Integration Technology   *Aug 2021-May 2022*

- Built a COVID-19 tracking platform (Flutter, PHP, Firebase) with real-time oxygen device geolocation and admin dashboards
- Developed a Public Incident Management System (Java/PHP) integrating live map tracking and alerts systems for faster response

Projects

AI Image Generation Platform (Midjourney/ DALL·E Clone)

- Full Stack MERN app powered by OpenAI API, enabling AI-driven image generation
- Integrated Cloudinary for secure storage and Render Cloud for automated deployment

SecretHawk-Security Automation Platform

- Developed a Python CLI + FastAPI + React solution for secret scanning and vulnerability detection
- Analyzed GitHub/GitLab repos and .zip files, delivering live Discord alerts and dashboards that cut remediation time by 50%

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, AWS ECS - KodeKloud
- **Monitoring & Observability:** Grafana Loki - KodeKloud
- **Systems & Administration:** RHCSA (Red Hat Certified System Administrator) - KodeKloud
- **Security:** CompTIA Security+ **-** KodeKloud, Ethical Hacking and IOT Cybersecurity - IT-CyberSec Expert

Languages

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