



Ghaith Saidani

Software Engineer - DevOps & Cloud Infrastructure

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Professional Experience

DevOps Engineer Intern - Sofiatech 🌐

Tunis, Tunisia – Hybrid

Tools: ReactJS, Spring Boot, Kubernetes, Tekton, Prometheus, Loki, Keycloak, Vault, GitLab, Redis

Feb – Jun 2025

- Built Kubepilot, a unified Kubernetes management microservices platform reducing manual effort and errors.
- Designed a drag-and-drop CI/CD builder with Tekton and React Flow, cutting setup time by 60%.
- Created a full system of observability, improving incident response time.
- Secured access with Keycloak and Vault, enforcing strong RBAC policies.

Software Development Intern - XSUSTAIN 🌐

Tunis, Tunisia – Hybrid

Tools: ReactJS, NodeJS, ExpressJS, MongoDB, Azure, Terraform, Ansible, Docker, Kubernetes, Jenkins

Jun – Aug 2024

- Developed a full-stack restaurant management platform using the MERN stack to streamline workflows.
- Automated cloud provisioning with Terraform and Ansible, reducing setup time by 50%.
- Implemented a Jenkins CI/CD pipeline deploying containers to AKS via ACR for continuous delivery.

Software Development Intern - Confledis SAS

Paris, France – Remote

Tools: ReactJS, Django, PostgreSQL, AWS, Docker

Aug – Oct 2023

- Enhanced a finance web app by debugging and extending features, improving reliability and retention.
- Containerized and deployed the platform on AWS EC2 with Docker, increasing uptime and scalability.

Education

Exchange Program in Software Engineering

Philipps-Universität, Marburg (2025 - 2026)

Engineer's Degree in Software Engineering – Cloud Computing

Sesame University, Ariana (2022 – 2025)

Bachelor's Degree in Software Engineering

Faculty of Sciences, Bizerte (2019 – 2022)

Personal Projects

HomeLab - KVM VM Automation & Kubernetes Provisioning 🌐

Tools: Ansible, Vagrant, KVM/QEMU, Kubernetes (kubeadm), Linux, Docker/containerd

- Automated KVM VM provisioning with Vagrant and Ansible to create a fully configured 3-node Kubernetes cluster.
- Delivered a reproducible local environment that accelerates testing and cloud-native experimentation.

Automated Deployment of Infrastructure and Microservices on Kubernetes 🌐

Tools: Spring Boot, Docker, Terraform, Vault, Azure, Kubernetes, Helm, Jenkins, ArgoCD, GitLab, Prometheus, Grafana

- Provisioned Azure infrastructure with Terraform, ensuring remote state consistency.
- Automated CI/CD with Jenkins, ArgoCD, and Helm, reducing deployment time by 50%.

Insurance Agency Management (Freelance)

Tools: Angular, Node.js, Express, MySQL, WHM, CPanel

- Built an insurance management system improving workflow efficiency by 70%.
- Deployed the solution with Nginx and PM2 on a linux server for reliable uptime and maintenance.

Skills

DevOps & CI/CD Tools: Docker, Kubernetes, Ansible, Terraform, Git, Jenkins, ArgoCD, Helm, Prometheus

Operating Systems: Linux (Shell Scripting)

Programming & Frameworks: Java, C++, ReactJS, Angular, Spring Boot, Node.js, Express.js

Cloud Platforms: Microsoft Azure, AWS

Databases: MySQL, PostgreSQL, MongoDB, OracleDB

Languages

Arabic (Native), English (B2), German (A1), French (B2)