



Ghaith Saidani

Computer Science Engineer—Specialized in cloud computing

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Bizerte - 7000, Tunisia

Professional Experience

DevOps Engineer Intern - Sofiatech [\[Link\]](#)

Tunis, Tunisia – Hybrid

Feb 2025 – Jun 2025

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

- Architected **Kubepilot**, a unified web platform for managing Kubernetes resources, minimizing manual effort and reducing error rates.
- Engineered a drag-and-drop CI/CD pipeline builder with Tekton and React Flow, empowering developers to deploy updates autonomously and reducing setup time by 60%.
- Integrated Prometheus and Loki for observability, enhancing monitoring and reducing response times to system incidents.
- Secured user authentication with Keycloak and managed sensitive credentials with Vault, enforcing robust RBAC.

Software Development Intern - XSUSTAIN [\[Link\]](#)

Tunis, Tunisia – Hybrid

Jun 2024 – Aug 2024

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

- Developed a full-stack restaurant management platform using the MERN stack, streamlining internal workflows.
- Automated cloud infrastructure provisioning with Terraform and Ansible, decreasing manual setup by 50%.
- Orchestrated a Jenkins pipeline for container builds and deployments to AKS via ACR, enabling continuous delivery.

Software Development Intern - Confledis SAS

Paris, France – Remote

Aug 2023 – Oct 2023

Tools: ReactJS, Django, PostgreSQL, AWS, Docker

- Enhanced a finance-focused web application by debugging and extending core features, boosting reliability and client retention.
- Containerized and deployed the solution on AWS EC2 with Docker, simplifying updates and improving deployment uptime.

Education

Sesame University

Ariana, Tunisia

2022 – 2025

Engineer's Degree in Computer Science — Specialization in Cloud Computing

Faculty of Sciences of Bizerte

Bizerte, Tunisia

2019 – 2022

Bachelor's Degree in Computer Science — Software Engineering

Personal Projects

Cloud Web App Builder [\[Link\]](#)

2024

Tools: Terraform, AWS (EC2, RDS, ALB, Auto Scaling), Cloud9, MySQL

- Automated the deployment of a scalable AWS web application infrastructure with Terraform, ensuring reproducibility and version-controlled provisioning.
- Implemented high availability with EC2 Auto Scaling, Application Load Balancer, secure VPC networking, and RDS MySQL in a private subnet.

Automated Deployment of Infrastructure and Microservices on Kubernetes [\[Link\]](#)

2024

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

- Provisioned cloud infrastructure with Terraform and stored remote state in Azure Blob Storage.
- Delivered full CI/CD automation using Jenkins, ArgoCD, Helm, and Vault, reducing deployment time and improving consistency by 50%.

Insurance Agency Management (Freelance)

2023 – 2024

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

- Delivered a custom management system for a Libyan insurance agency, improving workflow efficiency by 70%.
- Deployed the solution using Nginx and PM2 on a WHM managed Linux server to ensure high availability and maintainability.

Skills

Programming Languages: Java, C++

Operating Systems: Linux (Shell Scripting)

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

Cloud Platforms: Microsoft Azure, AWS

Web Technologies: ReactJS, Angular, Spring Boot, Node.js, Express.js

Databases: MySQL, PostgreSQL, MongoDB, OracleDB

Languages: English, French, Arabic (Native)