

Firas Ben Nacib

DevOps Engineer

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EXPERIENCE

Tal9i7 - Tunis, Tunisia

DevOps Engineer (Freelance)

Sep 2024 – Present

- Collaborating with a small team to operate multiple AWS environments defined with Terraform.
- Introduced cost controls using EventBridge and Lambda (off-hours shutdowns, backups, log retention), reducing monthly costs by 45%.
- Configured monitoring and incident notifications with CloudWatch metrics/logs, SNS, and external uptime checks.

Vermeg - Lac 1, Tunisia

DevOps Engineer Intern (End-of-studies internship)

Feb 2024 – Aug 2024

- Developed a deployment workflow using Ansible, Jenkins, and OpenShift, reducing release times by 60%.
- Orchestrated multi-branch pipelines with integrated testing (Selenium, Cucumber), speeding up iterations.
- Scripted provisioning workflows for PostgreSQL and Oracle, improving infrastructure consistency across deployments.

DevOps Engineer Intern (Summer internship)

Jul 2023 – Oct 2023

- Built a messaging application with ActiveMQ, deployed using GitOps pipelines via Argo CD and Helm on Kubernetes with KEDA.
- Integrated Prometheus and Grafana for proactive health monitoring, cutting downtime by 40%.
- Operated Jenkins pipelines, reducing manual release errors by 30%.

EDUCATION

ESPRIT (École Supérieure Privée d'Ingénierie et de Technologies)

2021 – 2024

Engineering degree in Cloud Computing and IT Architecture

Preparatory Institute for Engineering Studies of Tunis

2019 – 2021

SKILLS

Cloud Platforms: Amazon Web Services (AWS), OpenStack, Microsoft Azure

Infrastructure as Code (IaC): Terraform, Ansible

Containers & Orchestration: Kubernetes, OpenShift, Docker, Docker Compose, Helm, KEDA, Karpenter

Observability: Prometheus, Grafana, ELK Stack, CloudWatch

Networking & Service Mesh: Istio, Cilium, Traefik, Ingress, DNS, Load Balancing

Security: HashiCorp Vault, Falco

Languages & Scripting: Python, Bash, PowerShell, Groovy, Java, JavaScript, SQL, YAML

Version Control & Collaboration: GitHub, GitLab, Jira

Operating Systems: Linux (Ubuntu, CentOS, RHEL, Amazon Linux, Talos Linux)

CI/CD & DevOps Tooling: GitLab CI, GitHub Actions, Jenkins, CircleCI, Argo CD, SonarQube, Nexus, Trivy

CERTIFICATIONS

Certified Kubernetes Security Specialist (CKS)

Certified Kubernetes Administrator (CKA)

Certified Kubernetes Application Developer (CKAD)

Terraform Associate (003)

AWS Certified Solutions Architect – Associate (SAA-C03)

Microsoft Azure Fundamentals (AZ-900)

PROJECTS

Talos-HyperV-Bootstrap | PowerShell, Talos Linux, Hyper-V, Kubernetes - [DEMO](#)

- Built an interactive PowerShell script to create and bootstrap Kubernetes clusters on Talos Linux using Hyper-V.

KubleOps | Terraform, AWS (EKS, VPC, ECR), Argo CD, Helm, Karpenter

- Built a modular Terraform EKS platform (multi-AZ VPC, private API, configurable NAT, optional bastion, VPC endpoints).
- Implemented GitOps delivery with Argo CD + Helm, including image scanning and ECR integration.
- Automated bootstrap for ingress, DNS, observability, and Kubernetes guardrails (Pod Security, NetworkPolicies, HPA/PDB, autoscaling with Karpenter).

EcoAuto | Terraform, GitLab CI, AWS (EC2, ASG, RDS, S3, Route 53, CloudWatch)

- Designed a cost-effective hosting architecture with autoscaling compute, managed database, CDN, and monitoring.
- Automated provisioning with Terraform + GitLab CI and added event-driven automation with Lambda + EventBridge (security group and DNS workflows).
- Optimized delivery using CloudFront with Lambda@Edge for dynamic routing.

Cloud Resume Challenge (AWS) | Terraform, AWS, GitHub Actions - [LIVE](#)

- Built a serverless portfolio on AWS fully provisioned with Terraform.
- Implemented CI/CD with GitHub Actions (tests + cache invalidation) and added monitoring/alerts with CloudWatch and SNS.

LANGUAGES

• Arabic: Native

• English: B2

• French: B2