

Ibrahim El Othmani

Cloud & DevOps Engineer

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Profile

Cloud & DevOps Engineer experienced in CI/CD automation, IaC (Terraform, Ansible), and containerized deployments on AWS & Azure. Skilled in cloud-native architectures, monitoring, and reliability engineering using Kubernetes and modern DevOps practices.

Skills

Cloud Platforms: AWS (EC2, S3, IAM, Lambda, CloudWatch), Microsoft Azure

Infrastructure as Code (IaC): Terraform, AWS CloudFormation, Ansible

CI/CD & Automation: Jenkins, GitHub Actions, ArgoCD, Flux, Nexus, SonarQube, Trivy

Containerization & Orchestration: Docker, Kubernetes (EKS / AKS / GKE), Helm

Security & Secrets Management: HashiCorp Vault

Monitoring & Logging: Prometheus, Grafana

Programming & Scripting: Python, Bash

Version Control & Collaboration: Git, Agile/Scrum

Professional Experience

Cloud & DevOps Engineer, CloudSynk Jan 2023 – Present | Tunisia

- Designed and automated end-to-end CI/CD pipelines using Jenkins and GitHub Actions, streamlining testing, deployment, and delivery.
- Managed multi-cloud infrastructure on AWS and Azure with Terraform and Ansible, enhancing scalability and reliability.
- Containerized and orchestrated microservices with Docker and Kubernetes, improving performance and maintainability.
- Strengthened system observability using Prometheus, Grafana, and the ELK Stack, and integrated SonarQube and Trivy for secure, compliant releases.
- Automated routine operations with Linux scripting, boosting team efficiency and deployment consistency.

Tech Stack: AWS, Azure, Jenkins, GitHub Actions, Terraform, Ansible, Docker, Kubernetes, SonarQube, Trivy, Prometheus, Grafana

Full-Stack Engineer, NexaCore Solutions Feb 2021 – Aug 2022 | Tunisia

- Designed and implemented Spring Boot microservices (REST APIs, JWT auth, PostgreSQL integration).
- Built an Angular-based admin portal with role-based access and realtime charts.
- Created CI/CD pipelines (build, test, deploy) and automated database migrations.
- Improved API response time by 35% through query optimization and caching.

Tech Stack: Spring Boot, Java, PostgreSQL, Hibernate, Angular, TypeScript, REST, JWT, Docker, Kubernetes, GitHub Actions / Jenkins, Redis, Prometheus

Projects

Deploying microservices architecture on AWS EKS with Terraform

- Designed and deployed a scalable microservices-based application on AWS EKS using Terraform for Infrastructure as Code.
- Implemented CI/CD pipelines for automated builds and deployments, leveraging Docker, GitHub Actions, and Helm to manage Kubernetes manifests and ensure consistent multi-environment releases.

Tech Stack: AWS, EKS, Terraform, Docker, Helm, GitHub Actions, Kubernetes

Automated Multi-Cloud IaC Setup using Ansible & GitHub Actions

- Built a fully automated multi-cloud provisioning pipeline to deploy infrastructure across AWS and Azure using Ansible and Terraform, integrated with GitHub Actions for CI/CD automation.
- Reduced manual setup time and improved environment consistency with parameterized playbooks and reusable Terraform modules.

Tech Stack: AWS, Azure, Ansible, Terraform, GitHub Actions, Linux

Monitoring Stack Setup (Grafana + Prometheus + Loki)

- Implemented a complete monitoring and observability solution for containerized workloads using Prometheus for metrics collection, Loki for log aggregation, and Grafana for visualization and alerting.
- Enhanced system reliability and incident response through centralized dashboards and proactive alerting mechanisms.

Tech Stack: Grafana, Prometheus, Loki, Docker, Kubernetes, Linux

Education

Bachelor's Degree in Computer Science, Higher Institute of Technological Studies

Sep 2017 – Aug 2020 | Nabeul, Tunisia

Languages

Arabic
C2

English
B2

French
B2