

OMAR FRIKHA

DEVOPS ENGINEER | SYSTEMS AND NETWORK ADMINISTRATOR

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SUMMARY

DevOps Engineer and Systems & Network Administrator with over 2 years of experience in Linux/Unix server administration and network management. Passionate about technology and innovation, I master modern tools for process automation, Kubernetes deployment, and system performance optimization.

PROFESSIONAL EXPERIENCE

- DevOps Engineer Intern | Tekboot Solutions | Remote

Feb 2025 – Jun 2025

 - Built automated CI/CD pipelines using Jenkins and ArgoCD.
 - Managed Kubernetes clusters (EKS), optimized microservices deployment.
 - Implemented system monitoring using Prometheus, Grafana, Loki, and ELK stack.
 - Deployed and managed cloud infrastructure with Terraform on AWS.
- System & Network Administrator | Ministry of Defense

Aug 2022 – Dec 2024

 - Managed network infrastructures (switches, routers, firewalls) and Linux systems.
 - Implemented performance and security monitoring mechanisms.
 - Conducted security audits and implemented solutions to minimize downtime.
- Data Engineer Intern | OliveSoft LAGID | Hybrid

Jun 2024 – Aug 2024

 - Designed a Talend API template with OAuth2 and OpenAPI documentation.
 - Implemented automated tests to ensure API stability.
- Deck Officer | Ministry of Defense

Jul 2020 – Jul 2022

 - Specialized in embedded network systems, radio, and tactical communications.
 - Maintained and secured sensitive data transmission systems.

PROJECTS

- CI/CD Automation on AWS for TalentCloud

Feb 2025 – Present

Technologies: AWS EKS, Istio, Vault, Terraform, Grafana, Prometheus, ELK, Jenkins, Argo CD

 - Designed and deployed multi-environment architecture (dev, qa, prod) with Terraform.
 - CI/CD pipelines using Jenkins and ArgoCD for microservices deployment.
 - Dockerized applications deployed on AWS EKS with images stored in AWS ECR.
 - Centralized monitoring (metrics, logs, traces) via Grafana, Prometheus, and ELK.
 - SSL domain integration via AWS Certificate Manager and Route 53.
- Portfolio Website Development & Deployment

Apr 2025

Technologies: AWS S3, Docker, Terraform, Github Action, Sonarqube, Trivy

 - CI/CD pipeline with GitHub Actions for automatic deployment on AWS S3 and CloudFront.
 - Domain setup via AWS Route 53 with SSL certificate using AWS Certificate Manager.
- Marketplace Application Deployment on Azure AKS

Nov 2024

Technologies: Azure AKS, Docker, Grafana, Prometheus, GitHub Actions, Sonarqube, Trivy

 - Infrastructure provisioned with Terraform.
 - CI/CD with GitHub Actions for automated build, test, and deployment.
 - Application deployed on Azure Kubernetes Service for scalability and reliability.

TECHNICAL SKILLS

- System Administration:** Linux (Ubuntu, Debian), Windows Server
- Cloud & Virtualization:** AWS, Azure, Terraform, Docker, Kubernetes (EKS, AKS)
- CI/CD & Automation:** Jenkins, GitHub Actions, ArgoCD, Terraform, Ansible
- Monitoring & Logs:** Prometheus, Grafana, Loki, ELK, Zipkin, Kiali, Datadog
- Networking:** VLAN, DHCP, DNS, ACL, SSH, Routing & Switching
- Security & Cryptography:** Vault, AWS Secrets Manager, Keycloak

EDUCATION

Master's in Computer Networks & Telecommunications	Sep 2023 – Jun 2025
National School of Electronics and Telecommunications of Sfax	
Engineering Degree in Bridge and Naval Systems	Sep 2017 – Jun 2020
Naval Academy of Tunisia	
Preparatory Technological Cycle	Sep 2017 – Jun 2020
Naval Academy of Tunisia	

CERTIFICATIONS

• Certified Kubernetes Administrator (CKA) KodeKloud LIEN	Jan 2025 – Mar 2025
• ISTQB® Certified Tester Foundation Level LIEN	Dec 2024 – Jan 2025
• Full Stack Certification Coding Dojo Africa Tunis LIEN	Jun 2023 – Dec 2025
• Microsoft: Azure Fundamentals AZ-900 Enet'com LIEN	Oct 2023

LANGUAGES

- Arabic : C2 (Native)
- French : B2 (Certified TCF)
- English : B2 (Certified TOEIC)