

MAHMOUD HAMRA

Devops Engineering

SRE lead with deep hands-on production experience in designing and operating large-scale cloud-native infrastructure across AWS and Kubernetes. Specializes in platform engineering, GitOps-driven automation, and building observable, self-healing systems that keep high-throughput production workloads running reliably. Experienced across the full infrastructure lifecycle from bare-metal provisioning and container orchestration to incident management, CI/CD pipelines, and IaC with a track record of reducing operational toil through automation and building SRE practices from the ground up. Currently leading cloud platform and reliability engineering at Foodics, one of the region's fastest-growing fintech platforms.



EXPERIENCE

Riyadh, Saudi Arabia
Oct 2025 - Present

SRE Lead

Foodics

- Leading cloud infrastructure and SRE practices for a high-growth fintech platform serving **20,000+ restaurant** and F&B outlets across the MENA region.
- Driving a major monolith-to-microservices migration (F7 initiative), owning the **AWS/EKS** platform engineering layer across four environments (Dev, Test, Staging, Prod).
- Architected and maintain GitOps workflows using **ArgoCD**, **Terraform** and **Crossplane** for declarative, self-service infrastructure provisioning across multiple AWS accounts.
- Replaced **PagerDuty** and **Datadog** with a unified **Grafana** Cloud stack (**LGTM + IRM**), consolidating observability and incident management into a single platform.
- Led migration of production workloads from EC2/ASG to Docker/EKS, including containerization strategy and CI/CD pipeline updates via **GitHub Actions**.
- Scoped and implemented **Disaster Recovery** capabilities covering core systems, including cross-region RDS backups and EC2 snapshot automation (AWS Backup).
- Implemented **container security scanning** (Trivy) in CI/CD pipelines with severity-based blocking policies and remediation SLA enforcement.
- Managed AWS infrastructure across RDS/Aurora, ElastiCache, EC2, IAM/IRSA, SSM, CloudWatch, and EventBridge.

Riyadh, Saudi Arabia
2023 - Oct 2025

Senior DevOps Engineer

geidea

- Led the orchestration of DevOps workflows for a critical fintech platform managing 10 million+ transactions per day coming from across POS terminals and payment gateways.
- Containerized applications and configured **Azure** infrastructure for streamlined deployment and administration.
- Created development, testing, and staging environments on Azure, alongside crafting **Azure DevOps** CI/CD pipelines tailored for **AKS** deployment.
- Configured CI/CD pipelines within Azure DevOps (on-prem server) to seamlessly pull the latest Docker images from an on-prem **Harbor** server and deploy them onto a Nutanix Kubernetes cluster (**NKE**) also hosted on-premises.
- Utilized **Terraform** to provision infrastructure services on Azure cloud from scratch, ensuring consistent and scalable deployment practices.
- Collaborated with cybersecurity specialists to fortify CI/CD pipelines with top-tier security practices including code signing, vulnerability scanning, secrets and encryption.
- Deployed and configured a resilient Elasticsearch cluster spanning 10 nodes to monitor and analyze metrics across 10+ production applications hosted on **200+** virtual machines within Geidea's ecosystem.
- Implemented Application Performance Monitoring (APM) tools leveraging Elastic for comprehensive insights into production applications.
- Established robust previously non-existent alerting mechanisms from scratch, ensuring swift detection and resolution of production issues.

Riyadh, Saudi Arabia
Jan 2023 - Apr 2023

DevOps Engineer

UPayments

- Employed **Docker** to encapsulate applications into lightweight, portable containers, ensuring consistent and reliable deployment across different environments.
- Utilized Oracle Kubernetes Engine (**OKE**) to manage the deployment and scaling of containerized applications, ensuring high availability and efficient resource allocation.
- Engineered robust Continuous Integration and Continuous Deployment (CI/CD) pipelines using AWS **CodePipeline**, automating the build, test, and deployment processes, resulting in streamlined application delivery.
- Implemented scalable infrastructure on AWS to effectively handle varying workload demands. Leveraged AWS services to dynamically adapt resources and ensure optimal performance and cost-efficiency.

Riyadh, Saudi Arabia
Jul 2021 - Jan 2023

DevOps Engineer

SANAM

- Built and managed CI/CD pipelines to take code from development to production.
- Set up Kubernetes clusters on OKE.
- Implemented GitOps
- Developed documentation for server-side features
- Cloud deployment and management
- Performance assessment, monitoring, and recommending performance enhancements
- Provisioned infrastructure using IaC tools
- Helped implement a sustainable DevOps culture

Riyadh
Jun 2020 - Jun 2021

DevOps Engineer

Jasoor Systems

- Maintained and supported CI/CD pipelines, ensuring smooth and reliable code deployments across multiple environments.
- Managed system updates and patching across servers and environments to keep infrastructure secure and up to date.
- Performed routine monitoring and troubleshooting of applications and infrastructure to minimize downtime and resolve issues quickly.
- Assisted with environment setup and configuration for development, testing, and production workloads.
- Documented deployment procedures and system configurations to ensure consistency and support team knowledge sharing.

EDUCATION

Ankara, Turkey
2015 - 2020

Computer Engineering

Middle East Technical University

CERTIFICATIONS & COURSES

Google Certified Associate Cloud Engineer
Microsoft Certified: Azure Fundamentals
OCI Foundations Associate
Udacity: Data Analyst Nanodegree

CONTACT INFORMATION

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Date of birth

Feb 13, 1996

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SKILLS

- Kubernetes
- Helm
- Docker
- Terraform
- Crossplane
- Ansible
- Linux / Shell scripting
- EKS
- AKS
- ArgoCD
- GitHub Actions
- Grafana / LGTM
- OpenTelemetry
- AWS/Azure/GCP/OCI

LANGUAGES

English

Advanced

Arabic

Advanced

German

Intermediate

Turkish

Elementary