

Mohamed Ibrahim Abdel Momen

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Professional Summary

Highly skilled DevOps Engineer and System Administrator with over 6 years of experience in cloud platforms, CI/CD pipelines, infrastructure automation, and system administration. Proven expertise in AWS Cloud, containerization tools (Docker, Kubernetes), and ERP deployment. Dedicated to improving IT systems efficiency and collaborating cross-functionally for organizational success.

Key Skills

- Cisco Certified Network Associate (CCNA Routing & Switching, Security)
- Microsoft Certified Solutions Associate (MCSA)
- Microsoft Certified Systems Engineer (MCSE)
- Elastix VOIP server
- Sophos and FortiGate firewall
- Aruba System
- Virtualization Technology (VMware, Hyper-V)
- AWS SAA-C02 cloud computing
- Advanced Cloud DevOps Nanodegree (Udacity)
- Linux Basics Redhat (Admin1,2)
- Docker Mastery with Kubernetes
- EKS – AWS Elastic Kubernetes Service
- Docker, Docker Compose
- GitLab, GitHub Actions
- NginX and Apache Proxies
- HTML and CSS
- SQL and Non-SQL (PostgreSQL and MongoDB)
- Terraform, CloudFormation
- Prometheus, Grafana

Professional Experience

DevOps Engineer

FiveM Waste Management & Transportation, Dubai, UAE

- Maintained problem documentation and resolution procedures.
- Managed network servers and technology tools on premises.
- Optimized network performance and ensured seamless connectivity.
- Monitored and optimized Linux servers/containers for system stability and performance.
- Implemented efficient CI/CD pipelines and version control for seamless software deployment.
- Managed multiple work environments, AWS Cloud-hosted test environment, and on-premises production.
- Single point of contact for all Infrastructure, DevOps, and AWS-related solutions, queries, and troubleshooting.
- Successfully deployed K8 cluster and launched Airflow on AWS EKS platform, integrating with Prometheus.
- Prepared infrastructure for ERP systems SQL and its dependencies.
- Managed backups from SQL databases of client's servers.
- Troubleshoot online connections between servers and SQL databases.
- Installed and managed IIS web servers for application mobiles and web services.
- Managed NSXI cloud servers.
- Installed and managed KVM & Virtual Box Virtualization on Linux environments.
- Performed disaster recovery operations and data backups when required.

DevOps Engineer

Compu Master (ERP & Software Solutions), Cairo, Egypt

- Managed AWS Cloud infrastructures.
- Managed CI/CD for all Containerized Applications using Jenkins.
- Implemented Observability with Prometheus Stack.
- Assisted Developers in creating a development environment using Docker Compose files.
- Managed Production AWS EKS Clusters.
- Managed full CI/CD Cycle for All Microservices, Automating deployments (CI&CD) and other repetitive tasks using Shell/Python scripts or tools like GitLab, ArgoCD.
- Implemented Infrastructure as Code using Terraform and Config as Code using Helm.
- Followed Security best practices and ISO-27001 Information Security standards.
- Managed secrets using HashiCorp/Vault.
- Implemented Observability stack using Grafana and Prometheus.
- Created team strategy for SDLC automation, configuration management, and release management.

- Maintained metrics visibility using Datadog and Prometheus/Grafana to create useful dashboards and monitors.
- Applied automated testing solutions for unit, integration, and system testing.
- Tested and deployed scalable and highly available software products.
- Designed the architecture, infrastructure setup, deployed, and managed applications on AWS Infrastructure and services.

System Administrator

Cosmos-E, Cairo, Egypt

- Maintained and administered networks, software, and hardware systems.
- Performed disaster recovery operations and ensured data protection.
- Configured Azure cloud services and Aruba systems for improved connectivity.
- Maintained, configured, and monitored virus protection software and email applications.

IT Specialist

Bayan-Tech

- Installed, prepared, and maintained networks (LAN, MAN, WAN, WLAN).
- Installed and maintained network infrastructures (wired, Copper, Fiber optics, and Wireless).
- Installed, configured, and administered Windows Server 2003, 2008, 2012, including user rights and Domain management.
- Installed, configured, and administered Security Servers like Kasper, Symantec, and AVG.
- Installed, configured, and administered the Scales System Server.
- Installed, configured, and administered LAN Guard Update Center Server.
- Installed, configured, and managed Cisco routers and switches.

Education

B.Sc. in Computers and Information

Menofia University, Egypt (2017)

Graduation Project: Content-Based Image Retrieval (CBIR)

Certifications

Advanced Cloud DevOps Nanodegree – Udacity

[UdacityCert](#)

Certified Kubernetes Administrator (CKA)

[CKACert](#)

AWS Solutions Architect Associate (SAA-C02)