

Abdulrahman A. Muhammad

Systems Operations Engineer · Cloud & DevOps Engineer

abdulrahman.a.muhammad00@gmail.com · +201099319413 · Cairo, Egypt (Remote)

linkedin.com/in/abdulrahman-a-muhammad · github.com/abdulrahman-a-muhammad



PROFESSIONAL SUMMARY

Results-driven DevOps Engineer with 4+ years architecting scalable cloud infrastructure and pipelines. Expert bridging legacy enterprise systems with modern Kubernetes, Terraform, and AWS workflows. Proven track record managing large-scale environments, automating workflows, and enforcing zero-trust security.

TECHNICAL SKILLS

Cloud & IaC: AWS, GCP, OpenStack, Terraform, CloudFormation
Containers: Docker, Kubernetes (EKS), Helm
CI/CD & DevOps: Jenkins, GitHub Actions, GitOps, Automation
Monitoring: Prometheus, Grafana, Elastic Stack, CloudWatch

Security: DevSecOps, IAM, Vulnerability Scanning, Secrets Mgmt
OS & Scripting: Linux, Windows Server, Bash, Python, YAML
Networking: DNS, Active Directory, Hyper-V, Nginx, Git
Methods: Agile, ITIL, Incident Management, Configuration Mgmt

WORK EXPERIENCE

Systems Operations Engineer · Verto Wave, Egypt

Jul 2026 – Present

- Architected hybrid infrastructure for MoE exam systems, ensuring strict 99.9% SLA compliance.
- Administered Active Directory and DNS across 100+ servers, enforcing Zero Trust security.
- Orchestrated Kubernetes clusters and Nginx proxies, handling 50K+ concurrent national users.
- Engineered Elastic Stack dashboards, tracking 200+ metrics to monitor critical educational services.

SysOps / DevOps Engineer · Freelance (Self-Employed), Remote

Jun 2023 – Present

- Directed cloud migrations for 5 enterprise clients, shifting 50+ workloads to AWS.
- Automated resource provisioning utilizing Terraform and Ansible, accelerating system delivery by 60%.
- Configured GitHub Actions CI/CD workflows across 20+ repositories, reducing configuration drift.
- Diagnosed networking anomalies via advanced root cause analysis, developing Python remediation scripts.

Systems Administrator · British International School, Egypt

Sep 2023 – Mar 2024

- Governed Active Directory and M365 environments supporting 500+ users, streamlining access management.
- Spearheaded AWS EC2 and S3 migrations, processing 5TB+ data to improve efficiency.
- Built Bash automation pipelines, slashing manual incident response times for 200+ tickets.
- Fortified data perimeters via aggressive Patch Management and Firewalls, plunging escalations 95%.

IT Support Specialist · Tech Valley, Egypt

Mar 2020 – Sep 2022

- Managed IT infrastructure across three branches, maintaining high-availability for 50+ terminal devices.
- Resolved software faults and hardware anomalies, boosting resolution speed across 500+ requests.
- Authored 15+ technical SOPs, standardizing workflows and accelerating cross-functional team knowledge transfer.
- Executed capacity planning and system upgrades, optimizing performance for 300+ daily transactions.

EDUCATION

Hire-Ready Program – Cloud & DevSecOps · National Telecommunication Institute (NTI)

Oct 2025

- Deployed 3-tier AWS app via Terraform and Docker, cutting provisioning time 80%.
- Integrated Trivy and SonarQube into CI/CD pipelines, enforcing vulnerability detection across commits.

B.Sc., Computer Science · Suez Canal University, Ismailia

Jun 2023

- Automated CI/CD deployments for a postgraduate system, accelerating software release cycles.
- Led 6-member GDSC Cybersecurity team, executing campus-wide technical innovation and security programs.

Cloud DevOps Engineer Nanodegree · Udacity (Remote)

Sep 2022

- Built AWS CI/CD pipeline with CircleCI and Ansible, reducing manual deployments 70%.

CERTIFICATIONS & ACHIEVEMENTS

- Silver Medalist (Cloud Track) – Huawei ICT Competition, recognized out of 1000+ peers.
- Completed ITI Professional DevOps Program, boosting engineering team software delivery speed 70%.
- Certified in DevSecOps, Git, and IT Cybersecurity Foundation, verifying advanced infrastructure competency.
- Founded MrAlphaHub – published 65+ advanced DevOps tutorials, mentoring 3,000+ eager engineers.