

ABDULRAHMAN A. MUHAMAD

Entry-Level DevOps / DevSecOps Specialist

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Professional Summary

Entry-level DevOps/DevSecOps Specialist with hands-on experience in cloud computing, CI/CD pipelines, infrastructure as code, and automation. Skilled in AWS, Terraform, Jenkins, GitHub Actions, Docker, and Kubernetes. Strong background in Linux systems, networking, and scripting with Bash/Python. Awarded Silver Medal in Huawei ICT Cloud Competition. Passionate about building secure, automated, and scalable systems while continuously learning and growing in the DevOps field.

Technical Skills

- **Cloud & IaC:** AWS (EC2, S3, IAM, Lambda), Terraform, Kubernetes
- **CI/CD & Automation:** GitHub Actions, Jenkins, Docker, Ansible
- **Scripting & OS:** Bash, Python, Linux (Ubuntu, CentOS)
- **Security & Monitoring:** DevSecOps principles, basic vulnerability scanning, logging & monitoring
- **Version Control:** Git, GitHub
- **Databases:** MySQL, MongoDB (basics)

Professional Experience

British International School – Ismailia, Egypt

IT Help Desk Technician (Sep 2023 – Mar 2024)

- Automated repetitive IT tasks using Bash, improving efficiency.
- Supported AWS services (EC2, S3) for internal systems, assisting in monitoring and troubleshooting.
- Applied access management and security best practices using Active Directory and cloud accounts.
- Gained practical experience in scripting, automation, and infrastructure support.

Tech Valley – Ismailia, Egypt

IT Support Specialist (Mar 2020 – Sep 2022)

- Introduced automation for daily support workflows, reducing downtime.
- Deployed cloud-based inventory management tool using AWS, improving tracking efficiency.
- Gained early exposure to cloud adoption and automation in small-scale enterprise environments.

Projects

- Deploy a high availability web app using CloudFormation ([Repo Link](#))
- Udapeople CI/CD ([Repo Link](#))
- Provision a Kubernetes cluster on AWS using Terraform ([Repo Link](#))
- A highly available and scalable WordPress site on AWS ([Repo Link](#))
- Deploying a Serverless Application on AWS Lambda using Terraform ([Repo Link](#))
- Build a CI/CD pipeline on Google Cloud Platform using Terraform and Jenkins ([Repo Link](#))
- One Click DevSecOps Setup Script for Windows using PowerShell ([Repo Link](#))
- Continuous Integration Pipeline for Java Web Application with Jenkins and Terraform ([Repo Link](#))

Education

Professional DevSecOps – NTI, Smart Village, Egypt (2025)

- Built pipelines with Jenkins & Docker, Kubernetes labs, Linux/Git challenges

B.Sc. in Computer Science – Suez Canal University, Egypt (2019 – 2023)

- Focus: Networking, system design, algorithms, OS, and More
- 2nd place in university-wide research competition (2023)

Advanced Cloud DevOps Nanodegree – Udacity (Remote, 2022)

- CI/CD pipelines, AWS deployments, AWS CloudFormation automation

Certifications

- Docker Deep Dive - Pluralsight ([Certificate](#))
- Mastering Git - Pluralsight ([Certificate](#))
- Problem Solving (Intermediate) Certificate - HackerRank ([Certificate](#))
- Using Jenkins X for Cloud-native CI/CD - Pluralsight ([Certificate](#))
- Advanced Cloud DevOps - Udacity ([Certificate](#))
- Terraform Deep Dive - Pluralsight ([Certificate](#))
- Red Hat System Administration (RH124) – Red Hat ([Certificate](#))

Awards & Volunteering

- Silver Medal – Huawei ICT Competition (Cloud Track, 2022)
- Head of Cybersecurity – GDSC SCU (2022): Led a 6-member team, organized security workshops for 100+a students

Languages

- English – Professional proficiency
- Arabic – Native