

Mohamed Ahmed Ali Haroon

Cloud & DevOps Engineer



Cairo, Egypt



Mohamed Haroon



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Objective

Certified AWS Cloud Associate with a Full Stack development background transitioning to DevOps. Combines application development expertise with infrastructure automation skills to streamline software delivery pipelines. Experienced in containerization, infrastructure as code, and CI/CD implementation, with a focus on creating scalable, resilient cloud architectures.

Education

- **Information Technology Institute (ITI) | 9-Month Professional Diploma** Oct 2024 – Jun 2025
Track: Cloud Platform Development Location: Smart Village Branch, Giza
- **Beni Suef University | Bachelor of Computer Science and Artificial Intelligence** Sep 2018 - Jul 2022
 - GPA: 2.98 / 4.00 Very Good
 - **Graduation Project:** Jaundice Detection | [Link](#)
A mobile application-based solution for non-invasive jaundice detection in newborns

Projects

- [Full GitOps Pipeline for Node.JS App on AWS with Terraform, and Secrets Management](#)
 - **Tools & Technologies:** AWS, Argo CD, Node.JS, Redis, MySQL, Kubernetes, Jenkins, Terraform, Helm
- [EKS Terraform Jenkins CI / CD Pipeline](#)
 - **Tools & Technologies:** AWS, Ansible, Terraform, Docker, Jenkins
- [Full Stack Radiology lab management System](#)
 - **Tools & Technologies:** NodeJS, ReactJS
- [Bash Shell Script Database Management System \(DBMS\)](#)
 - **Tools & Technologies:** Bash Scripting
- [AWS Multi-Tier Architecture using Terraform](#)
 - **Tools & Technologies:** AWS, Nginx, Terraform
- [Online Bookstore](#)
 - **Tools & Technologies:** NodeJS, Ansible, Terraform
- [Full Stack Projects .](#)
 - **Tools & Technologies:** NodeJS, ReactJS, Bootstrap, MUI, JavaScript

Certifications

- [AWS Certified Solutions Architect Associate](#) May 2025
- [AWS Certified Cloud Practitioner](#) June 2025

Internships

- Dolfined DevOps Engineer Program Feb 2024 - Feb2025
- Senior Steps DevOps Engineer Program Mar 2024 - Oct 2024
- NTI CCNA Diploma Feb 2024
- Route Full Stack Engineer 9-month Diploma ([+ 25 Projects](#)) Oct 2020 – Jun 2021

Technical Skills

- **Operating Systems:** RHEL Administration I & II
- **Container Orchestration:** Kubernetes
- **CI/CD Pipelines:** Jenkins, Argo CD
- **Scripting languages:** Python, Bash
- **Version Control Systems:** Git, GitHub
- **Front End:** HTML, CSS, JavaScript, ReactJS, MUI
- **Cloud Platforms:** AWS, GCP
- **Containerization:** Docker
- **Infrastructure as Code:** Terraform
- **Configuration Management:** Ansible
- **Database Systems:** MySQL, MongoDB
- **Back End:** NodeJS

Work Experience

- **New Concept - Full Stack Engineer** Oct 2021 – Jun 2022
 - developed responsive web applications using front-end and back-end technologies
 - Developed an E-commerce platform featuring an admin dashboard