

# Mohamed Rekiba

Senior DevOps Engineer



December 12, 1984

Bachelor of Commerce

Dubai, United Arab Emirates

mohammad.shaban.dev@gmail.com

+971501229435

## Keywords

Linux Cloud Computing

Amazon Web Services (AWS)

Continuous Integration and Continuous Delivery (CI/CD)

IaC Terraform Kubernetes

Docker Ansible

Automation Autoscaling

Python TypeScript Node.js

Angular PHP Laravel

REST API GraphQL

MySQL PostgreSQL

MongoDB Sigtran SS7

VPN IPSec PCAP

SOAP SMPP GitGuardian

Okta HashiCorp Vault

## Summary

I am a highly motivated and experienced DevOps Engineer with a proven track record of success in delivering high-quality software. I am passionate about open source software development and I am always looking for new challenges. I am confident that I can make a significant contribution to your team.

## Experience

### Senior Cloud Infrastructure Engineer

**MCKINSEY & COMPANY**

2023 - 2024

- In addition to overseeing the management of both company and client secrets, I played an integral role within the secrets team, ensuring their utmost security. Leveraging **HashiCorp Vault** in conjunction with **Okta**, **GitHub Actions**, and our proprietary **Authorization System**, I ensured the secure handling of user and project secrets across various cloud providers and on-premise environments. Furthermore, our collaboration extended to working closely with **GitGuardian** to enhance our security measures and protect sensitive information from unauthorized access.

### Senior Devops Engineer

**CEQUENS**

2020 - 2023

- Revamped the legacy infrastructure, ensuring a seamless transition to full automation on **AWS**.
- Transformed the **AWS** infrastructure into a hybrid setup, where **AWS** was exclusively used for hosting the source code and pipeline, while **Kubernetes** played a crucial role in managing other vital components.
- Establish and oversee infrastructure within the **stc Cloud** platform.
- Supervised the administration of infrastructure to meet the high-traffic demands of **Al Rajhi Bank**.
- Proficiently managed Linux distributions for smooth operations and stability.
- Implemented auto-scaling strategies to dynamically adjust resources based on traffic demands, ensuring seamless performance even during high-traffic spikes.
- Created and maintained Docker containers with ECS, offering efficient containerization similar to Kubernetes.
- Developed and managed Data Lakes using AWS tools for centralized data storage.
- Leveraged Terraform and Ansible for Infrastructure as Code principles.
- Implemented automation pipelines using AWS CodePipeline and Gitlab.
- Designed and automated Firewalls like pfSense with Ansible for enhanced security.
- Utilized auto-scaling groups to efficiently handle varying workloads and ensure optimal resource allocation.
- Worked with Apache, Nginx, and HaProxy for optimized web serving, proxying ... etc.
- Utilized SonarQube for code quality assessment in CI/CD pipelines.
- Experienced with telecommunication protocols like SS7 and Sigtran.
- Used AWS CloudWatch and Datadog for proactive monitoring and alerts.
- Engineered and optimized high-traffic infrastructure with auto-scaling capabilities for maximum performance.
- Led effective git branch strategies for efficient collaboration.
- Designed a Python agent for pfSense logs and monitoring dashboards.
- Demonstrated programming skills in Python, Golang, C#, Javascript, Typescript, PHP, Lua, and Shell scripting.

### Senior Software Engineer

**CEQUENS**

2019 - 2020

- Developed and maintained interfaces, APIs, and SDKs.
- Created Bulk Runner (Desktop app and API server), a generic app/service for sending bulk requests using CSV files.
- Worked extensively with AWS services and microservices architecture.

### Senior Software Engineer

**VRTEEK**

2017 - 2019

- Developed Brain Coach, a fun game for Tizen OS using HTML, CSS and JavaScript.
- Created Facebook Chat Bots for Messenger Challenge (Tic Tac Toe & Captain Lungs) using Node.js, MySQL and CentOS.
- Developed backends and web apps for VR & AR products administration using Laravel, Node.js, Angular 2+, MySQL and CentOS.
- Implemented Three.js 3D model viewer & editor and developed cross-platform mobile apps.
- Managed server infrastructure, including dedicated servers and web hosting in AWS and GoDaddy.

### Software Engineer

**ESCAPEHD**

2015 - 2017

- Developed backend and web app for administration using Laravel, MySQL and CentOS.
- Managed server infrastructure, including dedicated servers and web hosting in AWS and GoDaddy.