Mohamed Rekiba

Senior Cloud Infrastructure Engineer

December 12, 1984

Bachelor of Commerce

Dubai, UAE

muhammad.shaban.dev@gmail.com

+971501229435

Keywords

Linux • Cloud Computing • Amazon Web Services (AWS) • Google Cloud Platform (GCP) • Continuous Integration and Continuous Delivery (CI/CD) • IaC • Terraform • Kubernetes • Docker • Ansible • Automation • Autoscaling • Nginx • Apache • HAProxy • Traefik • Golang • C# • Python • Lua • Shell Scripting • Javascript • TypeScript • Node.js • Angular • PHP • Laravel • REST API • GraphQL • MySQL • PostgreSQL • MongoDB • Sigtran • SS7 • VPN • IPSec • PCAP • SOAP • SMPP • Git • GitLab • GitHub • OKTA • SAML • OIDC • MFA • SonarQube • SAST • DAST • HashiCorp Vault

Summary

A highly experienced Senior Cloud Infrastructure Engineer with over a decade of expertise in DevOps, cloud computing (AWS/GCP), and infrastructure automation. Technical proficiency spans containerization technologies (Kubernetes, Docker), Infrastructure as Code (Terraform, Ansible), and multiple programming languages including Python, Golang, and C#. Proven track record of leading critical system modernization initiatives, managing high-traffic infrastructure for major clients like Al Rajhi Bank, and transforming legacy systems into fully automated cloud solutions. Passionate about open source software development, with contributions to various projects including building custom Linux distributions.

Experience

Senior Cloud Infrastructure Engineer @ McKinsey & Company
VERTEX AGILITY
2023 - Present
- Spearheaded critical system modernization initiatives, achieving a significant reduction in deployment issues and enhancing security.
- Collaborated with over five internal teams to implement secure solutions, optimizing workflows across platforms.
- Developed comprehensive documentation and training programs, substantially cutting onboarding time and boosting productivity.
- Designed monitoring and disaster recovery solutions, ensuring high availability for mission-critical systems.

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**, **GitHub** 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**, **Traefik**, 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**, **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.

Software Engineer
FREELANCE (SELF EMPLOYED)
2014 - 2015
- PHP Developer using Codeigniter, Laravel Frameworks, MySQL Database & Linux System Administrator.

🏆 Open Source Projects

It is a privilege to be a part of various Open Source Projects.

● **Kenzy Linux - 2009**

Built my own Linux distribution based on Fedora Linux.

- Created my own packages repository at: https://build.opensuse.org/user/show/Kenzy
- First announcement: https://www.linuxac.org/node/67869

● **Elkirtasse Softwares**

A set of Linux applications, for example, desktop environment, electronic Quran, Quran library, book library.

- Home Page: https://elkirtasse.sourceforge.net
- Packages Repository: https://build.opensuse.org/project/show/home:abouzakaria

● **Alfanous Quran**

Alfanous is a Quranic search engine that can find any word or aya in the Holy Quran.

- Home Page: https://www.alfanous.org
- Packages Repository: https://build.opensuse.org/package/show/home:Kenzy:tahadz/alfanous

● **Other Arabic open source software**

- Home Page: https://tahadz.com
- Packages Repository: https://build.opensuse.org/project/show/home:Kenzy:tahadz