

Mohamed Rekiba

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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

Vertex Agility, Senior Cloud Infrastructure Engineer @ McKinsey & Company

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.

CEQUENS, Senior Devops Engineer

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.

CEQUENS, Senior Software Engineer

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.

VRTEEK, Senior Software Engineer

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.

ESCAPEHD, Software Engineer

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**

2014 - 2015

PHP Developer using Codeigniter, Laravel Frameworks, MySQL Database & Linux System Administrator.

SKILLS

Linux • Amazon Web Services (AWS) • Google Cloud Platform (GCP) • Terraform • Ansible • Kubernetes • Traefik
• GitHub • Gitlab • HashiCorp Vault