

Mohamed Rekiba

Senior DevOps Engineer



- December 12, 1984
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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.