

Mohamed Saeed

Senior Site Reliability Engineer

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TECHNICAL SKILLS

Monitoring (Prometheus, Grafana, Kiali, Cloudprober)

Containers (Docker, Kubernetes, Helm)

Terraform

GitOps

Cloud (AWS, GCP)

CI/CD (Jenkins - Github Actions - CircleCI)

Manage Secrets (Mozilla sops, AWS secrets manager)

LANGUAGES

Arabic (Native)

English (Professional)

INTERESTS

Playing PS4

Boxing

Movies

PROFILE

SRE with experience in leading and managing SaaS system reliability and security, designing and developing CI/CD pipelines, containerize applications and manage them via Kubernetes, automating infrastructure provisioning on AWS and GCP. I am passionate about scaling systems, learning new technologies, mentoring others, and being part of a team with an ambitious mission.

EXPERIENCES

Senior Site Reliability Engineer

Weaveworks | Jan 2022 - Present

In early 2022, Magalix has been acquired by Weaveworks.

- Led a team of 2 SREs and worked closely with the CTO and engineering team to migrate our entire SaaS system and infra from GCP to AWS on a tight timeline as part of the integration with Weaveworks.
- Automated the provisioning of test/demo environments on-demand easily with one command, with all needed apps installed.

Site Reliability Engineer

Magalix | Apr 2020 - Dec 2021

- Responsible for the reliability and security of our SaaS system and infrastructure.
- Worked with the CTO for defining the technical roadmap for the SRE team.
- Contributed to the product roadmap with testing, validating and feedback which ended in improving our resources recommendations feature and cpu throttling detection feature.
- Owned sprint planning for the SRE team and contributed to overall backlog grooming and sprint planning.
- Managed the daily SRE standups, prioritized, delegated, and reviewed tasks for a team of 2 SREs.
- Managed on-call rotation and wrote playbooks that help on-call engineer investigating and mitigating the issues quickly and efficient.
- Participate in defining incident management process and correction of error (COE).
- Upgraded and enhanced our observability system using prometheus, grafana, ELK and kiali to improve reliability and debuggability of our system.
- Responsible for the health and operations of our deployment Kafka, Redis, MongoDB, and PostgreSQL.
- Led a project to reduce our infrastructure cost resulting in \$36k annual saving.
- Secured our software supply chain using snyk, github dependancy scan, anchore and grype.
- Used our policy as code engine to enforce best practices and security policies.
- Implemented gitops using FluxCD.
- Automated the creation of SaaS environment using terraform, FluxCD and bash scripts.
- Prototyped single-tenant deployment of our SaaS system for on-prem customers.

DevOps Engineer

Fly365 | Dec 2019 - Mar 2020

- Manage and monitor kubernetes clusters.
- Monitor the application and set the proper alerts.
- The company shutdown operations globally on March 2020.

DevOps Engineer

Jobzella | Jun 2019 - Dec 2019

- Containerize the applications.
- Full responsibility about AWS account.

DevOps Engineer

DXC Technology | Aug 2018 - Jun 2019

- Automated deployment using Jenkins and python scripts.
- Automate infrastructure creation using Terraform on AWS.
- Joined a team that aimed to spread DevOps culture, supervise and assist colleagues to automate their projects.

EDUCATION

Diploma: Open Source, Cloud Development

Information Technology Institute (ITI), Cairo

2017 - 2018

Bachelor of Engineering

Faculty of engineering, Suez University, Suez

2008 - 2013