

Ahmed Mohamed Akram

DEVOPS AND CLOUD AUTOMATION ENGINEER

SUMMARY

Experienced DevOps and System Engineer with more than 5 years of experience in the field of Software Engineering, IT and Cloud Engineering. Passionate about learning and joining competitive teams.

PERSONAL DETAILS

Address

65 St. MAKKA BBC. School Cairo, Egypt

CONTACT

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-  <https://github.com/aakram9393>

WORK EXPERIENCE

Cloud Automation Engineer

- ORANGE BUSINESS SERVICES

Jan 22' - Current
- Proactively act upon Cloud system issues and try to resolve them before customer impact.
 - Optimized and implemented Grafana Alerting system and integrate it with channels and custom templates that impacted in continuous monitoring of services.
 - Designed and built application infrastructure using (VPC-Load Balancers-ELK-S3-ACLs etc..) for Flexible Engine Cloud and AWS to deploy secure and HA Kuberentes clusters - instances for GitLab and Project application microservices.
 - Deployed and test application design for several areas of the OCB projects.
 - Developed Newman Postman client APIs to test and build applications using services APIs. - Automated and design solutions using OCB Cloud Services APIs.
 - Built IaC for OCB Projects using Terraform and Ansible to automate infrastructure deployments in different tenants.
 - Using DevOps best practices in OCB projects.

DevOps Engineer

- EL-AHLY MOMKN

Jan 21' - Dec 21'
- Designed the pipeline and infrastructure for EL-Ahly's Web Appllication.
 - Deployed Kuberentes cluster on premise using HA and best practices.
 - Managed and deployed CI - CD pipeline application deployment using Jenkins - GitLab - Ansible to automate application deployment on Kubernetes cluster.
 - Deployed and managed API gateway (Kong Server) to handle APIs traffic.
 - Deployed local docker registry as an inventory for docker images to be built by Jenkins.
 - Participate in test automation using scripts wrote in java and python to facilitate the test cases directed to Jenkins for test.
 - Building DevOps testing - staging - production environment.
 - Deployed and managed monitoring environment using Kibana and Prometheus.
 - Strong familiarity with .Net core and web development tools with microservices and solid coding skills.

Senior Automation Engineer

- EL-AHLY MOMKN

Jan 20' - Dec 20'
- Developed scripts and desktop applications using python scripts to automate finance department daily reports and data from the reporting database.
 - Deployed and implemented middleware infrastructure of Momkn JavaEE web application - while migrating from Windows to Linux - using WebLogic cluster and WLST (WebLogic Scripting Tool) these tools aid to highly available infrastructure and optimized performance.
 - Automated application deployment on middleware using WLST and application versioning using python scripts that eliminated human deployments errors and ease application deployment scaling.
 - Tuned and automated monitoring of middleware infrastructure using WLSDM (Weblogic Smart Dashboard and Monitoring) tool aid to continuous monitoring of the MBean parameters and used resources for precise tuning.
 - Deployed and implemented ELK (Elasticsearch - Logstash - Kibana) Logging system nodes that centralized and ease logging and monitoring of web application servers as (Database - Websevers - Reverse and Forward Proxy servers).
 - Deployed and implemented Nginx reverse proxy server that provided application routing from a central server and high availability for different kinds of websevers.
 - Deployed and implemented Zabbix server for network monitoring and alerting, application log files alert automation using mail server.
 - Provided application level support for smooth operations. Skilled in Linux, Python and Java.

Systems Engineer

- THALES

Feb 18' - Dec 19'
- Perform technical reviews on customer requirements which result in the acceptance testing documents match the customer needs.
 - Participating in system site acceptance test to ensure customer main focus and customer satisfaction about the overall performance focusing on best results.
 - Applying black box testing techniques on different systems components as (dynamic display system embedded modules- radio repeaters- voice recording servers) which result in early finding of system defects to prevent any failures in site acceptance.
 - Support and coach the team members pro-actively in their daily on-job tasks which result in high quality production.

EDUCATION

Bachelors Degree of Communication Engineering

- AIN SHAMS UNIVERSITY

2012 - 2017