

Kareem El-Sayed Ahmed

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SUMMARY:-

Skilled DevOps Engineer with 3+ years of hands-on experience supporting, automating, and optimizing mission-critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes.

EDUCATION:-

Bachelor of Business Management - Information System Management The Higher Institute of Tourism, Hotels & Computer (H.I.T.H.C) 2014.

COURSES AND CERTIFICATION:-

- Red Hat Certified System Administrator – RHCSA. (CA-NUM 160-242-434)
- Red Hat System Administration I (RH124).
- Red Hat System Administration II (RH134).
- Red Hat System Administration II (RH254).
- CCNA academic edition.
- Container Management using Docker (Self Study)
- Linux administration training - Open IT.
- Web development course - Resala charity organization.

TECHNICAL SKILLS:-

- Good knowledge of different Linux distribution.
- AWS Administration skill
- Using the monitor tool – Nagios, Datadog
- Using Virtualization with KVM.
- Git basics.
- Using the Kubernetes system for automating deployment, scaling, and management of containerized applications
- Using Redis as caching layer.
- Database basics skills (SQL and NoSQL)
- Bash scripting skills.
- Python basics.
- Using ELK stack for logging
- Using configuration management tools (Ansible)
- Create, deploy and run applications using Docker container
- Using CircleCI as CI/CD tool

WORK EXPERIENCE:-

DevOps Engineer at Fly365.

October 2018 – Now

- build automated deployments through the use of configuration management technology
- Collaborating with developers to make sure new environments meet requirements and conform to best practices
- Drive improvements to processes and design enhancements to automation to continuously improve the production environment
- Automate the provisioning of environments: cooking up some recipes with Ansible, and deploying environments using containers, like Docker

Linux Engineer/DevOps at Exaserve.

January 2017 – September 2018

- Help tune performance and ensure high availability of infrastructure.
- Proactively maintain and develop all Linux infrastructure technology to maintain a 24x7x365 uptime service
- Design and develop infrastructure monitoring and reporting tools.
- Working on a new project (pre-apps) build on Openshift and Kubernetes main idea for this project it's to create a platform for the client to launch their own apps in just in minutes without care about any hosting issues or waste his time in trying to config his own infrastructure. We started first release with some popular PHP apps (Wordpress- Magento) and trying in next releases to give full flexibility to deploy his own code

Linux system administrator at Scitecs.

January 2016 – December 2016

- Help tune performance and ensure high availability of infrastructure.
- Design and develop infrastructure monitoring and reporting tools.
- Develop and maintain configuration management solutions.

Roles and Technology Stacks:-

Company Name: Fly365

Position: Senior DevOps

Role description:

I worked on building infrastructure and orchestration platform, develop automation tools to support services and infrastructure and Support the engineering team to automate the app. life cycle through a building, testing, staging, deploying by using DevOps and CI/CD. Also, I worked on developing effective tooling, alerts and response to risk.

All the previous points are implemented using the following.

Technology stack:

- AWS (EC2, RDS, ElastiCache, ElasticSearch, CloudFront, GuardDuty, Lambda, S3, CloudWatch, SNS).
- Kubernetes as an orchestration platform
- Docker
- ELK
- Datadog
- CircleCi
- MongoDB
- Python for automation and scripting tools
- Microservice structure ('Backend':'Golang', 'Frontend':'Vuejs')

Project link: nz.fly365.com

Company Name: EXAHOST

position: Linux Engineer/DevOps

Role description:

I worked on maintaining and developing all Linux and infrastructure, I used to design, develop infrastructure monitoring and reporting tools and also, I administered AWS clients accounts.

Using the following technology stack in this role.

Technology stack:

- KVM as a hypervisor
- OpenStack as Paas
- Nagios as a monitoring tool
- Ansible
- Docker

PERSONAL SKILLS:-

- Self-Motivation and Self-learner.
- Able to Listen and Accept Feedback.
- Working hard under pressure.
- Motivated for success.

LANGUAGES:-

- **ARABIC:** Mother language
- **ENGLISH:** Good

PERSONAL INFO:-

- **Nationality:** Egypt
- **Date of birth:** 07/03/1991
- **Military status:** completed