Omar Ismail

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Work Experience

IT System Analyst (August 2023 - Present)
Vodafone Egypt

Tasks :

- Monitoring and Analyzing Logs to handle and solve System Failures.
- Solving Technical Failures of AnaVodafone Application (AVA).
- Handling Port in / out Failures (MNP) that takes place during a specific operations between Vodafone and the other telecom companies.
- Solving Service Requests for the Technical errors or failures of the System during different actions within SLA.
- System and App Support.

Tools :

- Oracle SQL Developer	- Siebel (CRM)	- Remedy	- Tertio	- Postman
- CyShield Tracking Tool	- Elastic	- Genesys	- Thales	

Cyber Security Instructor (September 2022 – Jan 2023)
IT Legend

Tasks :

- CEH course Instructor
  - Collecting the specific and needed information and gathering them in a full rich PowerPoint presentation and preparing practices on the course and the final assessment exam.
  - Recording online sessions for the CEH course.

Recorded and online Sessions' link :
https://drive.google.com/drive/folders/15nFtm9C1O_NqOXL9Uco0Ccl8F-_8Dw4V?usp=sharing

Internships

Cisco CCNA Internship (July - Oct 2021)
Cisco Networking Academy

- Introduction to Networks.
- Switching, Routing, and Wireless Essentials
- Enterprise Networking, Security, and Automation

Incident Response (June - August 2021)
CyberTalents & Trend Micro

- Reverse Engineering
- Digital Forensics

Education

Bachelor of Computers and Artificial Intelligence, Cairo University (2018 - 2022)

Projects

Graduation Project: Exodia OS (**Excellent Grade**)

❖ Exodia OS is an Arch-based distribution designed for all cybersecurity fields. It also offers other special editions, such as the Home edition for daily use and the Acer Predator edition tailored for Acer Predator laptops, enabling control over CPU/GPU fans and keyboard RGB settings.

TerrAws – Terraform with AWS

- A Practical project using KodeKloud platform that configure and build a simple infrastructure by creating IAM users and groups, applying policies and managing EC2 instances.
  - o Using Moduling technique to orchasterate and simplify the building and remoting control

Vprofile - GitOps

- VProfile is a website written in Java and consists of multiple services, forming a Multi-Tier Web Application. The services include: MySQL - Memcached - RabbitMQ - Tomcat - Nginx
  This project aims to deploy VProfile using GitHub Actions, comprising two workflows:
    • Terraform Workflow(for development): Fetch the code and test it on AWS.
    • Application Workflow(for production): Upon a successful build, it will create Docker images and deploy them on Amazon ECR. Subsequently, Helm will be utilized to fetch the Docker images to the EKS Cluster and run the application.

VProfile – Jenkins (CI/CD)

- Deploy VProfile on AWS using Jenkins CI/CD:
  The process involves fetching the source code from GitHub, building and testing the code using Maven ,analysis of code Checkstyle using SonarQube, and finally deploy the artifact to the AWS ECR Registry after validation using on it using NexusOss.

VProfile app deployment on local host

- Deploy the VProfile on LocalHost:
  Using Vagrant tool, create scripts to install all services manually on different VMs, with each service having its own script and configuration (Services as : Nginx, TomCat , RabittMq , Memcache and MySQL). Finally, create a Vagrantfile and configure (Compose) all VMs and services together.

Skills

- **SQL**
- **Linux**
- **Version Control:** Git and GitHub.
- **Programming & Scripting:** C++/C#, Java, Js, Python, Bash scripting and PowerShell.
- **Data Serialization** : JSON, YAML and XML
- **CI-CD & Pipelines**: Jenkins, GitHub Actions
- **Containerization**: Docker and Kubernetes.
- **Cloud computing platforms and infrastructure tools** : GCP, AWS, VSphere And Terraform
- **Security Platform** : SIEM - IBM QRadar.
- **Tools**: MySQL, Postman, Tertio, Ansible, Maven, Django, Genesys, Vagrant, Lens, KodeKloud, AWS secrets Manager and ElasticSearch Engine.

Certificates (**Link**)

- **GCP**
- **IAC – Terraform**
- **DevOps with Projects**
- **CyberSecurtiy:** Incident Response (Reverse Engineering and Digital Forensics)
- **SIEM - IBM QRadar SOAR Administration**
- **AWS Certified DevOps Engineer**
- **Networks:** CCNA (Cisco)