Yussuf Ibrahim Khalil

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Sex Male | Date of birth 1 Oct 1990 | Nationality Egyptian

OBJECTIVE

Highly creative, client focused and aware of Information Technology Professional with design, implementation, configuration, management and support Linux OSs, Monitoring Solutions, VMware solutions, and DevOps, Seeking challenging assignments and responsibilities with an opportunity for growth and career advancement as a successfully achievement.

EDUCATION

Bachelor degree in Electronics and Communication Engineering -Tana University -Egypt - July 2012.
- Graduation project: Implementing VOIP Networks based on multi-vendor technologies such as Trixbox 'VOIP phone system based on the Asterisk PBX', CUCM 'Cisco Unified Communication Manager'.
- Bachelor grade: Very Good with Honor Degree.
- Project Grade: Excellent.

WORK EXPERIENCE

- **Senior Devops Engineer**
  Acuative ME Ryiadh/Saudi Arabia [June 2023 – Current]
  - Implementing Elasticsearch system for one of the biggest Entities in KSA.
  - Implementing Elastic Cloud Enterprise clusters for multi-Elasticsearch clusters provisioning.
  - Provide and implement Monitoring /Observability through Elasticsearch platform.
  - Manage Elasticsearch clusters on Kubernetes Environment.
  - Manage ECK Elasticsearch deployments Kubernetes based.
  - Automate ECE "Elastic Cloud Enterprise" platform installation using customized ansible roles/playbooks.
  - Implementing APM and OpenTelemtery applications observability ".NET , Python , Java".
  - Managing Kibana Visualizations, dashboards, user access roles.
  - Managing and automating Logstash ETL pipeline creation for all technologies "VMware, Microsoft, IBM Mainframe, K8S, Openstack, storage arrays.
  - Automating elastic-agent policies and integrations for all polices using fleet centralized management.

- **L3 Monitoring Solutions Expert**
  Orange Business Services Egypt/France [June 2022 – June 2023]
  - Acting as Subject Matter Expert "SME" for monitoring engineering side.
  - Developing OBS-OCB monitoring tools ZABBIX , Shinken"open source as nagios" , BMC Truesight.
  - Provide and implement Monitoring solutions.
  - Install, configure, and maintain existing and new solutions.
  - Responsible for the implementation and planning of Monitoring solutions change requests, bug fix, and new features.
  - Solve technical problems and incidents.
  - Provide the third line support for high complexity incidents.

    – Liaise with L2 Monitoring for new releases handover and for the stakeholders communication needed.

- **L2 Monitoring Operation Expert**
  Orange Business Services Egypt/France [June 2020 – June 2022]
  – Solve monitoring service incidents, Perform monitoring service changes.
  – Provide L2 technical support in monitoring tools like ZABBIX, Shinken, Witbe, Dynatrac, BMC Truesight event federator, BMC Truesight Capacity solution.
  – Implement monitoring systems and applications new releases.
  – Perform release management including monitoring applications, operating systems updates, middleware upgrades and patches as well as the hardware support for monitoring equipment.
  – Perform configuration management tasks and ensures at all times the systems inventory is populated with an up to date information reflecting the operational changes.
  – Identify all monitoring problems, assign it to the proper engineering/fix group responsible for solving it, and follow up with the fix group until the problem is solved.
  – Contribute in service operation processes management including contribution providing reason for outage (RFO), root cause analysis (RCA), technical instructions (TIN), service improvement plans (SIP), post implementation review (PIR) and case detailed report (CDR).
  – Provide leadership and coaching to L1/service desk/CTS teams when needed.
  – Contribute in providing the right level of working hours and shifts coverage for business operation necessary to deliver the support service
  – Perform other tasks in line with systems services operation as suggested by management

- **Senior Infrastructure Engineer**
  WE-Telecom Egypt [Jan/2018 – June/2020]
  – Install, move, de-install customers hardware and initial configuration of system OS as needed.
  – Manage Infrastructure Environment, HPE, Dell, Blades, Synergy Frames, HPE C7000/Synergy12000 using OA/OV.
  – Mange all virtualized environment (VMware - Hyper-V) Hosts, vRealize Operations.
  – Manage HPE 3par, EMC, IBM v7000 SAN storage Systems, Network and SAN Cabling.
  – Managing Linux Workloads including MySQL, Oracle Instance running on.
  – Prepare periodic reports on the data from the OSSs as well as reports for the health of the systems.
  – Responsible for functional and performance testing as well as reporting test results.
  – Provide 24/7 support to running Management OSS tools and EMSs.

- **Data Center Operations Engineer**
  Link Data Center [Jan/2017 – December/2018]
  – Implement, deploy customer solutions on public Microsoft Azure Cloud Services (VMs, Virtual NETs).
  – Implement cloud services, Site to site VPN, Site to point Implementation, Storage Accounts Managements, Load Balancers).
  – Operating System Administration, Red Hat , Windows Server"
  – Working with Microsoft virtualization solution (Hyper-V) creating cluster for customers VMs.
  – Managing IIS servers, MSSQL Servers, AD Servers, WSUS, WDS, and Microsoft ATA.
  – Installing and operating Manage-Engine SDP as a Ticketing Systems also for Assets Management.

- **Information Technology Specialist**
  Wasla Outsourcing [Jan/2015 – December/2016]
  – Handle Clients Service requests and Problems.
  – Configure, deploy, and maintain clients Computers, Servers, Applications.
  – Configuring A.D, GPOs, WSUS, WDS.
  – Deploying, operating, and monitoring the backup Systems.
  – Implementing the monitoring solutions for all the infrastructure department systems.
  – Isolating server and network issues and rapidly and perform basic troubleshooting.
  – Installing and configuring Antivirus for servers.

- **Cloud Architect Internship**
  Information Technology Institute (ITI) [October/2013 – June/2014]
  – Virtualization Technologies and products, VMware, Microsoft, KVM, Citrix.
  – Cloud computing AWS, OpenStack for cloud platform Management.
  – Operating System Administration Red Hat Windows Server

– Storage Systems and technologies.
– IT fundamental courses which include Networks, Database, Network Security.
– Programming/Scripting and Big Data technologies

Technical Courses and Certificates

o **Red Hat Official trainings and Certificates**
– Red Hat Certified System Administrator - RHEL8 -Certification ID:220-123-988- Certificate.
– Red Hat Certified Engineer –Ansible 2.9- RHEL8- Certification ID:220-123-988- Certificate.
– Red Hat Certified specialist in containers- RHEL9- Certification ID:220-123-988- Certificate.
– Redhat Specialist in Containers– D0188 – Red Hat Official training.
– Redhat Specialist in Containers and Kubernetes – D0180 – Red Hat Official training.
– Redhat Specialist in OpenShift administration – D0280- Red Hat Official training.
– Red Hat Enterprise Linux Automation with Ansible - RHEL 9.0 RH294 – Red Hat Official training.
– Redhat Specialist in Virtualization – Self-study.

o **VMware Official Trainings and Certificates**

– VMware Cloud on AWS 2021 - official VMware training.
– VMware NSX-T Data Center: Install, Configure, Manage [V3.0] – official VMware training.
– VMware Certified Professional - Network Virtualization 2021 (VCP-NV 2021)- Certificate.
– VMware Certified Professional - Network Virtualization 2020 (VCP-NV 2020) - Certificate.
– VMware Certified Professional - Data Center Virtualization 2020 (VCP-DCV 2020) - Certificate.
– VMware Network Virtualization for vSphere (NSX-V 6.4.5) - VMware training.
– VMware vCloud Director -Install, Configure, Manage - VMware training.
– VMware vSphere 6.7 Foundations - Certificate.
– VMware vSAN – Self-study.
– VROPS - Self-study.

o **Kubernetes and Containers Trainings and Certificates**

– Certified Kubernetes Administrator - CKA.
– Certified Kubernetes Application Developer – CKAD.
– Docker, docker compose, docker volumes, Containers.
– Docker Swarm Clustering.
– Podman, run, build, compose, Systemd containers.
– RedHat OpenShift, openshift operators.

o **Microsoft**
– Implementing Microsoft Azure Infrastructure Solutions MCID:16624489.
– MCSE 2003, MCITP 2008, MCSE 2012, MCSE 2016.
– MS-SQL DB Administration –SQL Clustering, SQL Failover – Always-On.

o **Cisco**
– CCNP DataCenter – Cisco ACI.
– Cisco Unified Computing (DCUCI).
– Cisco Hyper-Flex for (VMware and Hyper-V).
– Cisco Certification Network Associate 640-802 (CCNA) Cisco ID NO. CSCO12249514.

o **Dell EMC**
– DELL EMC Isilon NAS Storage.
– DELL ISM v4

o **HPE**
– HPE Blad servers , rack mounted , server administration using ILOs and HPE Oneview – HP OA.
– HPE 3PAR StoreServ 8000, MSA storage administration.
– Microfocus SiteScope Monitoring solution administration.
– Microfocus NNM , NA , OMI for monitoring solutions.

o **DevOps**

– Git Version Control System – GitHub – Gitlab.
– CICD – Jenkins .
– Scripting Python , Bash , Perl , Go.
– AWS , Azure.
– Elasticsearch ,Beats, Logstash,Fleet,APM , Kafka.

- o **Scripting Skills**
  – Good Knowledge in Python, Bash and Powershell Scripting.
  – Fair Knowledge in Perl Scripting.
  – Fair Knowledge in Go Lang.

- o **Monitoring Tools**
  – Install and Configure ZABBIX monitoring solution at Link Datacenter Company. "SNMP and ZBX agent"
  – Shinken and Nagios Solutions.
  – Microsoft SCOM.
  – Cacti in Network/Interfaces and Bandwidth Monitoring. "SNMP"
  – Azure monitoring and analytics for Azure Infra.
  – Orion and NPM from Solarwinds Monitoring Solutions for monitoring all system metrics.
  – Site 24*7 as a public monitoring tool for URLs monitoring.
  – Applications Manager and Operations Manager from Zoho for Web monitoring.
  – HPE "Microfocus" SiteScope as a monitoring solution in Telecom Egypt Company.
  – vRealize Operation Manager.

- o **OBS Monitoring Tools**

  – Shinken for Infrastructure monitoring.
  – Zabbix Monitoring.
  – Witbe for web and applications Scenarios monitoring.
  – TSCO TrueSight Capacity Optimization.
  – TrueSight Event Federator tool.
  – MIT "Monitoring Infrastructure Toolbox" as a provisioning tool for OBS monitoring.
  – GRAM as a provisioning tool for protocol test monitoring.
  – Good Knowledge in Prometheus for containerized applications monitoring.
  – Fair Knowledge Centreon monitoring.
  – Fair Knowledge in Canopsis Event management open source.
  – Good Knowledge in ELK "Administration and Development".
  – Fair knowledge in CI/CD "Gitlab".

Soft Skills

– Self-Motivated and Fast Learning.
– Time Management.
– Presentation Skills.
– Team leading.
– Customer Handling.

Languages

– Arabic – Native Language.
– English – Second Language - Excellent.
– French -Intermediate.

Availability

– Available within two months as notice period for my current position.