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AFSAR BAIG

OBJECTIVE Seeking a position to utilize my skills and abilities in the Information Technology Industry a job where a growth prospects are unlimited and individuality is recognized by work, and to achieve professional satisfaction by meeting higher responsibilities and involving in competent work areas

PROFESSIONAL ACHIEVEMENTS

- 7+ Years of experience supporting internal **Oracle** stakeholders
- Experience on 2+ years Linux Administration, Windows and 2+years Oracle Cloud, AWS, RHOC.
- Knowledge of container technology like docker and Podman
- Knowledge in AWS Solution architecture associate level.
- Knowledge of Managing Pods in Openshift 3.x cluster also has knowledge on 4.x
- Openshift is developed on AWS Environment.

AWS ARCHITECTURE DESIGN WORKED

- AWS Architecture design a 3-tiered Architecture and implemented the same in AWS which includes AWS components like **EC2** used for Webserver and Appservers under **Autoscaling** under **ALB** router as front end RDS (mysql) and **Redis** to cache and SQL proxy with **NLB** as backend.
- **CICD Implementation:** Developer upon committing the code in GIT and push notification is passed to Jenkin as its integrated with Jenkins, based on information pushed from GIT Jenkin will download the code from GITHUB and SonarQube and Code Quality Gate test will trigger based on o/p the Artifacts are updated in Nexus. Trigger the next Job for selenium to execute the test case on test Env the moved to SIT (on failed it rolled back) and checked for Load performance and then UAT env to chek business logic check then to PreProd(Beta) if the build on preprod is approved the push to PROD env

WORK HISTORY

Organization	Designation	Role	Duration
Oracle	Cloud Business analyst	Cloud Admin	Jun/2016- Jan 3 2021
IKYA Human capital (Deployed at Oracle)	Business analyst	Linux admin	Aug/2013-Jun 2016

EDUCATION

- Completed B.E (Computer Science) with **64.66%** from Visvesvaraya Technological University, Belgaum, Karnataka The Oxford College of Engineering, Bangalore
- Completed Diploma (Information Science) with **76.19%** from Board Department of Technical Education, Bangalore, The Oxford Polytechnic college, Bangalore.
- Completed MBA in IT Part-time at Sikkim Manipal University

CERTIFICATION

- **AWS ® CERTIFIED SOLUTION ARCHITECT - ASSOCIATE (SAA)** – Certification #BDPFPQDCN2FQ10K5
- **Redhat® certified System Administration for RHEL 8**, Certification# 200-050-789
- Completed course in **VMWARE** Training– 2016
- Jetking certified Computer hardware and networking professional includes **MCSA** and **CCNA- 2006**.
- Completed course Redhat **OpenShift Administration 3.9 and 4.x (POC)**

TOOLS

Technology	Tool	Years of Experience
Cloud Platform	AWS and its native services	2
CI and CD Inspection tool	Jenkins, SonarQube (with help of L2)	2
Container technology	Docker	2
Container orchestration	OpenShift	2
Operating system	RHEL 7 (Basic) RHEL 8 and Centos 8 and Ubuntu	3+
Version control system	GIT	2
Issue tracking Tool	MyhelpOSC , JIRA	2

WORK**EXPERIENCE****2016 – 2021****Current Project:** Cloud Global Support**Client:** Oracle Solution Services (India) Pvt. Ltd.**Role:** Cloud Admin – L1 Support

Description: CGS – Cloud Global support provides Involves in supporting customer on creating cloud account, creating instances, keeping track on subscriptions, Termination the subscription, suggesting the Cloud model like BYOL providing them feasible pricing and set up Architecture based on their business requirement. We integrate the customer with AWS since, Amazon Web Services supports Oracle databases and offer enterprises a number of solutions for migrating and deploying their enterprise applications on the AWS cloud. Customers can launch entire enterprise software stacks from Oracle on the AWS cloud, and they can build enterprise-grade Oracle applications using database and middleware software from Oracle.

Roles and responsibilities:

My roles here is to assist the Devops team in terms of getting the building infra for cloud platform they prefer to build Dev Environments in the initial phases of CICD process which includes below daily routine.

- Managing the Cluster running the Sales application on OpenShift cluster 3 master, 9 worker nodes)
- Creating Cluster users, projects, Namespaces, Capacity management
- Knowledge of the OpenShift resources (Pod, Service, deployment, secret)
- Hands on experience with **OpenShift**
- Knowledge of writing **Dockerfile** to build containers
- Collaborate with engineering, product management, and support management teams to prioritize customer requests
- Collaborate with vendor Red Hat.
- Expose Control access to projects using role-based access control (RBAC)
- Configure application scheduling using labels and selectors
- Limit compute resource usage of applications with resource limits and quotas
- Applications to clients external to the cluster using TLS encryption
- Knowledge of Creating IAM users and assigning respective policies to the users.
- Knowledge Creating **S3 buckets** and assigning policies to the buckets in AWS.
- Knowledge of AWS native services **EC2, VPC, Route 53, S3, IAM**.

**WORK
EXPERIENCE**
2013 – 2016

Previous Project
Client
Role
Description:

: Global Sales and Consulting Operation (GSCO)
: Oracle India Private Limited
: **Linux Admin – L1 support**

GSCO is team, which support the Oracle internal stakeholders in quote to cash process using the live channel and requires highly available system. I was part dedicated to this team supporting them as **System Administrator and Linux support**. I was trained by GIT (Global IT team) experts and had all the access to the resources provided to support, below are day to day task

Responsibilities:

- Installing OBI – Oracle base Image both Linux or windows 7,10.
- Maintaining and taking back up in regular intervals
- Resetting the Account lockout issues line MacAfee and Windows password.
- Assistance provided in Resetting the SSO Lock out issues to reset the password.
- Backups of Linux and other utilities like tar.
- Knowledge of setting File Permissions and Access Control List.
- Configuring NFS server
- Working with SSH and putty to assist the stakeholders
- Understand and use essential tools for handling files, directories, command-line environments, and documentation
- Manage users and groups
- Manage security, including basic firewall and SE Linux configuration
- Experience in installing and configuring Different open-source tools in Centos and Oracle base image RHEL 7 or 8
- Proficient in installation packages through RPM, make and YUM repositories
- Configuring NIC cards, adding connections providing IP address and setting the connection Up.
- Administering (Creating, Mount/Unmount) the File Systems (ext2, ext3 NFS).
- Monitoring Virtual memory, adding additional swap space as needed.
- Scheduled various regular, future queue tasks by using crontab.
- Working knowledge in services like Rlogin, SMF, SSH, Telnet.
- Patch Management: Patching/Upgrading the Servers including kernel and firmware.
- Servers Commissioning/Build (Physical and Virtual servers)
- File System management
- Alert/ Incidents management (Incidents on HIGH CPU, MEMORY & SWAP USAGE).
- Package management
- Post build tasks and post check validations as per request Once check list completed, I used to handover the servers to clients (App or DB Teams).



Thank you,
Afsar Baig