

**Saleem Ahmed**

Email: [saleemyunus007@gmail.com,](mailto:saleemyunus007@gmail.com,) Mob: 8059595001

**PROFESSIONAL SUMMARY:**

* **Over 6+ years of experience in IT industry within Configuration Management, Change/Release/Update/Build Management, System Administration, Support and Maintenance in environments like Red Hat Openstack/FusionSphere Openstack, expertise in automating builds and deployment Cloud stack/Video Cloud/Modula data Center/ Docker/Kubernetes/ CI/CD Pipeline for Docker Build and Deployment**
* Experience in working on AWS and its services like **AWS IAM, VPC, EC2, ECS, EBS, RDS, S3, Lambda, ELB, Auto Scaling, Route 53, Cloud Front, Cloud Watch, Cloud Trail, SQS, and SNS and**experienced in Cloud automation using AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, ELB and Security groups.
* Experience on DevOps essential tools like **Chef, chef solo, Gantry, Puppet, Ansible, Docker, Kubernetes, GIT, Jenkins, Ant, Maven and migrated VMWAREVMs to AWS and Managed Services like EC2, S3, Route53, ELB, EBS**.
* Strong experience in AWS, creating, importing, and launching volumes, **EC2, RDS, Lambda, security groups, auto - scaling, load balancers (ELBs), NACL in the defined VPC**to design cost effective, fault tolerant and highly available systems.
* Experience in developing **Splunk**queries and dashboards targeted at understanding application performance and capacity analysis.
* Experienced in **Mando DB database and Mango DB** Atlas dashboards targeted at understanding application performance and capacity analysis.
* DevOps expert in Release and Deployment for deployment and Release management activities and procedures for deployment in various system environments.
* Strong hands-on experience in Amazon web services such as EC2, ECS, S3, Elastic Beanstalk, Elastic Load Balancing, Auto Scaling, Right Scale, RDS, VPC, Route53, Cloud Watch, Cloud Formation and IAM.
* Professional experience in Configuring and Deploying instances on AWS, Azure, and Data Centers.
* Experienced in deploying and configuring **ChefServer**including bootstrapping of **ChefClient**nodes for provisioning. Created roles, recipes, cookbooks and databags for server configuration.
* Deployment of Cloud service including **Jenkins and Nexus on Docker using Terraform.**
* Fusion Sphere Open stack **(Nova, Swift, Cinder, Neutron, Manila, Horizon, Glance)**
* Huawei Cloud Stack**, (HCS 6.5.1, HSC 6.5.0, HSC 6.3.1)**
* ManageOne SC, manageOne OC, ManageOne, FusionSphere OM
* Fusion Stage 6.5.0 (Docker and container)
* Huawei Intelligent Video cloud (IVS9000, IVS3000, VCN 500, VCN510) ITMS, IVMS, VMS)
* Face Recognition, General-purpose Intelligent Cameras, Vehicle Data Structuring Cameras, Target Capture/Recognition Cameras
* Fusion Modular Data Centre (FusionModule2000, ECC800, NetCol5000)
* Hands-on experience on Unified storages Oceanstor.2200V3,2600V3,5300V3/V5,5500V3/V5,5600V3/V5,5500FV5.
* Hands-on experience on Rack servers RH1288v3/v5, RH2288V3/V5,RH2288HV3/V5,RH5288V3 and Blade server E9000.
* **Hand-on experience on tools and software (SmartKit, OceanStor System reporter, Esight, BCManager, Splunk, NewRelic)**
* Huawei Fusion Cloud, Fusion Compute, Server virtualization, Huawei Desktop Cloud (VDI), Data migration, Data protection, eBackup & technical support for Cloud, enterprise servers and storage family.
* Automated build and deployment process using **Ruby and Shell Scripting.**
* Virtualized the servers using **Docker**for the test environments and dev-environments needs, also configuration automation using **Docker**containers.
* Experience in creating **Docker Containers**leveraging existing Linux Containers and AMI's in addition to creating **Docker Containers**from scratch.
* Experience and Familiar with Virtualization technologies like installing, configuring, administering **VMwarevSphereESXiand**SRM 4.5.and Citrix XEN Server.

**TECHNICAL SKILLS:**

**Public Cloud Platform:**Azure, Amazon Web Services, GCP, Huawei : Elastic Compute Cloud(EC2), Simple Storage Services (S3), Route 53, Cloud Front, Elastic Bean Stalk, Virtual Private Cloud(VPC), RDS, Cloud Watch, Elastic Load Balancer(ELB), Auto-Scaling, IAM Roles, Users, Profile, Elastic IP’s, Nagios, GIT, Security Policies, Cloud Formation.

**Operating Systems:**Red hat Linux 4/5/6/7, Windows servers 2003, 2008, 2008 R2, 2012, Windows 7/8/10.

**Databases:**Mango DB, Mango DB Atlas,

**Software/Tools:**Jenkins, Docker, Kubernetes, Chef, Pf9, Esight, System Reporter, CI/CD Pipeline, Gantry, Zero Availability, Terraform, NewRelic, Splunk.

**Visual Studio:** Pager Duty, GitHub, Chef, Dynatrace, Splunk, Cloud Watch, NM.

**Network Protocols:**TCP/IP, UDP, DHCP, HTTP, VPN, DNS, NTP, FTP, SSH, and Telnet.

**Virtualization:**Fusionshpere 6.5.1, 6.3.1, FusionCompute 8.0.0.

**PROFESSIONAL EXPERIENCE:**

**Starbucks (On Capgemini Payroll): - (August 2021– Till date)**

**Devops Consultant/ Kubernetes-Docker Engineer**

**Responsibilities:**

* Implemented a production ready, load balanced, highly available**, fault tolerant Kubernetes**infrastructure.
* Created private cloud using VTR and HEAT Template
* Containerized all the Ticketing related operation related : - Pipeline, Ganty, chef, GITHUB, PF9, mango DB Atlas.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services. Leveraged AWS cloud services such as EC2; auto-scaling; and VPC (Virtual Private Cloud) to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts, and are able to quickly evolve during development iterations.
* Build a fully functional demo for Education Analytics Product using SharePoint Online, Windows Azure, SQL Azure, Silverlight technologies.
* Create required components to enable a private, internal only cloud infrastructure
* Created a Continuous Delivery process to include support building of Docker Images and publish into a private repository- Nexus v3.
* Created required components to enable a private, internal only cloud infrastructure.
* Coordinating activities with appropriate teams to meet release and project schedules
* Professional experience in Configuring and Deploying instances on Huawei, GCP and Data Centers.
* Build customized Amazon Machine Images (AMI), deploy AMIs to multiple regions and launch EC2 instances using these custom images.
* Experience in building multi-Tier, highly available, fault tolerant and scalable applications using Huawei Elastic Beanstalk, Huawei RDS, Elastic Load Balancing and Auto Scaling.
* Developed, maintained and enhanced pre and post build scripts **(Shell and Python)**
* Designed and documented **CI/CD**tools configuration management, Built and deployed **CI/CD**pipelines
* Deployment, Migrating, Configuration, Troubleshooting new stores
* Configuration vNVR by using VTR and HEAT Template (virtual track road)

**Wipro Technology : - Feb 2021– Aug. 2021**

**Senior Cloud & Storage Operation Engineer**

**Responsibilities:**

* Worked in Huawei/GCP environment, instrumental in utilizing Compute Services ( **EC2, ELB), Storage Services (S3, Glacier, Block Storage, Lifecycle, VPC, S3 Bucket, IAM, Glance, VDC, SG, Firewall**
* Designed & implemented VPC service for extension of on - premises datacenter with Huawei/GCP Cloud using VPN&Directconnect services.
* Migrated Cloud VM’s from one data center to other data Center by using **Info availability tool.**
* VM creation, virtual disk creation, EIP, Virtual Firewall creation, Image creation, VPC, SG, VM migration, ELB, Quota management, SNAT, Direct Connect, versa firewall management
* Solving daily basis issue on Cloud, Fusion Compute, Hyper-V, SAP App & DB server, hardware and OS level
* Used Huawei **Route53 to manage DNS**zones globally & to give public DNS names to ELB's and Cloudfront for Content Delivery.
* Used IAM to assign roles, to create and manage AWS users, groups, and permissions to use AWS resources.
* Created Master-Slave configuration using existing Linux machines and EC2 instances to implement multiple parallel builds through a build farm, expertise in troubleshooting build and release job failures
* Deploying and maintaining production environment using **GCP EC2 instances and ECS with Docker.**
* Set HA and Backup Policies for intense Group.
* Managing Quota management for Different VDC’s
* Managed local deployments in Kubernetes, creating local cluster and deploying application containers.
* Monitoring 50+ Dorado’s for Africa location with Esight and system repoter
* Image creation & Conversion using CLI
* Used Ticketing tool **JIRA**to track defects and changes for change management, monitoring tools like **NewRelic and CloudWatch, Semaphor**in different work environments in real and container workspace.
* Managed **Ansible Playbooks with Ansible modules**, implemented CD automation using Ansible, managing existing servers and automation of build/configuration of new servers.
* Created Mavenscripts to create multiple deployment profiles and deploy the applications to Apache Tomcat.
* Ensured System Uptime by monitoring production systems and responding to issues with corrective action.

**Huawei Technology Pvt. Ltd. : - Dec 2018– Feb.2021**

**Senior DC Operation Engineer**

**Responsibilities:**

* Installed and configured SCM tools, Chef on HuaweiEC2
* Cloud Operations and Backup management for Cloud (Open stack) of Shapoorji Pallonji and company Pvt Ltd.
* Solving daily basis issue on cloud, Fusion Compute, OS [Windows & Linux] and infrastructure level.
* Capacity, Network and support Planning.
* Publish Reports for VM performance, Availability and Backup.
* VMs Delivery [App and DB], creation of ECS, VPC, SG, EIP, Registering Images, VFW.
* VM level Backup, Scheduling Backup policy and reports.
* Troubleshooting and Root cause analyzing/AD & DNS Management/DC-DR Management
* Leading 24x7 Support team.
* Involvement in New projects
* Installation and Configuration of Server, storage and switch (Rack & Blade).
* Hand-on experience on Online storage version upgrade, Hot patch upgrade, disk upgrade
* Major ticket handling for issues related to cloud infrastructure including network (firewalls- Huawei) and hardware.
* Problem management for reoccurring issues with RCA and workarounds.
* Monthly Review with customers for their infrastructure issues, performance and for betterment of services.
* Creation of VPN Tunnels, web policies and set rules on firewall devices (versa and paloalto).
* Created alarms, monitored & collected log files on Huawei resources using **CloudWatch on EC2 instance which generates Simple Notification Service (SNS).**
* Worked on multiple AWS instances like **Elastic Load Balancer(ELB), Security groups, and AMIs, Autoscaling**to design cost effective strategies.
* Experience in creating, managing and utilizing **S3 buckets and Glacier**for archival storage and backup on AWS.
* Managed Chef cookbooks, recipes, nodes, environments and data bags with Knife.
* Implemented continuous delivery framework using **Jenkins, Chef, and Maven**on multiple environments.
* Used Chef server and workstation to manage and configure node, recipes and cookbooks.
* Installing and configuring **Terraform**and building the infrastructure using terraform configuration file.
* Built Jenkins jobs to create **AWS infrastructure from GitHub**repos containing terraform code.
* Building/Maintaining Docker container clusters managed by **Kubernetes, Linux, Bash, GIT, Docker, on GCP**. Utilized Kubernetes and Docker for the runtime environment of the **CI/CD**system to build, test deploy.
* Used **Splunk**to monitor the system logs as well as notify the incident management system upon exceeding thresholds.
* Experience in deploying system stacks for various environments like **Dev, UAT, Production**on both premise and cloud infrastructure.

**Bombay stock exchange (Orient technology) : - Dec 2017– Dec.2018**

**Cloud Administrator**

**Responsibilities:**

* Involved in the Design of different Release Environments for new projects and monitoring.
* Performing updates and upgrades on the systems currently on the network for performance and auditing purposes.
* Worked as **Devops Engineer**for project teams that involved different development teams and multiple simultaneous software releases.
* Developed and implemented **Software Release Management**strategies for various applications according to the agile process.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Review/Merge/ **Remove Git Pull Requests**to bit bucket.
* Hands on with **Git / GitHub**for code check - ins/checkouts, branching etc.
* Implementing a Continuous Delivery framework using Jenkins, Chef, Maven & Nexus in Linux environment.
* Managed **Chef**Cookbooks to automate system operations.
* Responsible for the **Continuous Delivery**pipeline given to all application teams as they on-board to Jenkins as a part of migration.
* Responsible for monitoring the Infrastructure behavior using **Splunk**, Wily Interscope, **Dynatrace,**during Load Test execution to identify performance Bottle Necks if any
* Written code for pipeline template to build then deploy applications to all configured environments.
* Installed **Chef Server Enterprise**on premise/workstation/bootstrapped the nodes using knife and automated by testing **Chef**recipes/cookbooks with test-kitchen/chef spec.
* Dorado implementation for (DC & DR & NDR) including migration and replication.
* Shifting NDR from one DC to another handle all the technical query and up the replication
* Working on Huawei Fusion Cloud, fusion compute. [DC-DR] management.
* Delivering virtual machines to group entities on private cloud.
* Backup Management, backup schedule policy, publishing Reports for virtual servers by using Commvault.
* End to End IPsec VPN Tunnel creation on firewall (Versa& Palo alto).
* VM creation, virtual disk creation, EIP, Virtual Firewall creation, Image creation, VPC, SG, VM migration, ELB, Quota management, SNAT, Direct Connect, versa firewall management
* Binding IPS, VPC Peering Third-Party Integration, API, SDR Alarm handling, reports creation
* Publish Day to Day IT escalation report for the costumer tracking
* Take update with Costumer and MY\_TAC team for issues.
* Storage Configuration Huawei Ocean-Store 18800V1,5800 V3,2600T, HP-3par
* Installation and Configuration of Server, storage and switch (Rack & Blade).
* Server health check-up.
* Connectivity between Switch to server or switch to storage
* Server to storage mapping with ISCSI initiator
* Installation of OS [windows, centos, SUSE Linux, Red Hat.
* Also, used **Che**f for provisioning the infrastructure and wrote chef cookbooks and recipes to provision several pre-production environments.
* Installation, configuration and administration of **Virtual Box and VMware**virtual machine for Ubuntu Linux servers.
* Worked on high-volume crash collecting and reporting system, built with **Python**.
* Developed and implemented **Software Release Management**strategies for various applications according to the **Agile process**.

**Javi Systems (Client: Huawei India) (Apr.16–Aug17)**

**Support Engineer**

**Responsibilities:**

* Performed Huawei Cloud administration managing EC2 instances, S3, SES and SNS services.
* Troubleshoot, Analyze and resolve daily basis issue
* Address user tickets regarding hardware, software and networking
* Walk customers through installing applications and computer peripherals
* Conduct remote troubleshooting
* Customize desktop applications to meet user needs
* Record technical issues and solutions in logs
* Direct unresolved issues to the next level of support personnel
* Follow up with clients to ensure their systems are functional
* Help create technical documentation and manuals
* Configured SSH, SMTP, Build Tools, and Source **Control** repositories in **Jenkins**. Installed multiple plugins to Jenkins. Configured Proxy to get auto updates.

**Projects Delivered**

* Deployed and Delivered Commvault as Backup service in Shapoorji Pallonji and company Pvt Ltd.
* Deployed Huawei cloud stack ( HSC 6.5.0 ) in Open lab Huawei.
* Deployed Huawei Video Cloud ( IVS9000, IVS3000) for Yotta infrastructure or GPX
* Huawei cloud project delivered fusionCloud 6.3 Pi-datacentres (Vijayawada Andhra Pradesh),
* Huawei Fusion-Cloud 2.0 POC in Shapoorji Pallonji (Mumbai)
* Deployed & Delivered Huawei Fusion-Cloud 6.3.1 at CTRLS datacentres (Hyderabad)
* Deployed & Delivered Huawei Fusion-compute 6.1 in Shapoorji Pallonji (Mumbai)
* Deployed & Delivered Huawei Fusion-Cloud 6.3.1 in Shapoorji Pallonji (Mumbai)
* Install SAP HANA servers in Shapoorji Pallonji (Mumbai)
* Delivered Huawei modular datacentre in bank of china (Mumbai)
* Delivered Huawei modular datacentre and VDI in Mahindra and Mahindra (Pune)
* TCL server project delivered for Delhi Location.

**Joint solutions**

* Face recognition with Herta
* Vehicle recognition with Vehant
* Smart city solution with Trinity
* Smart education with Gramytacis

**Trainings and Certifications**

* Google Cloud Platform (GCP)

[Creation of Compute engine, Container engine, Cloud virtual network, Load balancing, CDN, DNS, Google spanner, Cloud storage, IAM etc.]

[EC2 creation, S3 and Glacier, EIP, EBS, VPC, ENIs, ELB, ACL, NAT, Cloud watch and Auto Scaling, SWF, IAM]!!! HCNA Storage, HCIA Cloud , GCP

**Education**

* **(**B. Tech) in ECE from MDU University Rohtak, Haryana, India in 2014.Scored 67% Marks.
* HSC from HBSE, passed in 2009 scored 67% Marks
* SSC from HBSE, passed in 2007 scored 76% Marks

**Personal Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date of Birth:** | 10-04-1991 | **Language:** | Hindi, English |
| **Fathers Name:** | Mohd Yunus | **Nationality:** | Indian |
| **Hobbies**: | Playing Volleyball |  |  |
| **Address:** | 107, sector-14, Gurugram |  |  |
|  |  |  |  |