**MEERA MOHIDDIN.SHEIK**

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**Objective:**

Seeking a challenging position as a AWS and DevOps Engineer that will allow me to use my education, work experience and technical skills for the benefit of the company as well as for personal growth and professional advancement.

**Core Competencies:**

* AWS, Terraform
* Git, Jenkins, Docker Ansible and Kubernetes
* VMware, Windows, Linux.

**PROFESSIONAL SUMMARY:**

* Over 4.5 years of Experience in IT Industry with 3.5 years of experience in building and managing Infrastructure with AWS Cloud Computing and DevOps Engineer.
* Experienced with tools like GitHub, Jenkins, Docker.
* 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 can quickly evolve during development iterations.
* Expertise in Managed Ubuntu Linux and Windows Servers on AWS EC2.
* Experience with and thorough understanding of automated implementation/deployment of a cloud based infrastructure (Web apps, Application Service Environments, firewalls, Load balancers, storage, monitoring, security, DNS etc.)
* Experience using MAVEN as a Build Tool for the building of deployable artifacts from source code.
* Installing, configuring and administering Jenkins CI tool on Linux machines for continuous integration and for End to End automation for all build and deployments.
* Administered Jenkins for Continuous Integration and deployment into Tomcat/Web Sphere Application Servers, testing in build environment and release to test team on scheduled time.
* Responsible for building of new servers which includes rack mounting, installation of OS, configuring of various OS-native and third party tools, securing of OS, installing & configuring, and job scheduling.
* Managed environments DEV, INTEG, PROD-B, and PROD-A for various releases and designed instance strategies.

**EDUCATION:**

* **Bachelor degree** from Jawaharlal Nehru Technological University Rajahmundry in 2015.

**WORK EXPERIENCE:**

* Working as Cloud Engineer at **Siemens Technology and Services Pvt Ltd**. from 2019 jan to till date.
* Worked as Migration Engineer in **Mindteck India Pvt Ltd** from 2017 Nov to dec-2018.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Operating Systems** | Windows, Ubuntu |
| **Cloud Computing** | **Amazon Web Services:** AWS EC2, VPC, EBS,ECS, IAM, AMI, SNS, ELB, EBS, CloudWatch, EFS, S3, RDS, Cloud Trail. |
| **Containerization** | Docker,kubernetes |
| **CI AND CD pipelining** | jenkins |
| **source code management tools** | Git |

**PROFESSIONAL EXPERIENCE:**

**Project-2:**

**Client : Mindsphere**

**Role: AWS(Cloud Engineer) jan 2019 – Till Date.**

**Responsibilities:**

* 24\*7 support (Infra Level) with teams in three different Locations across the global.
* Worked with developers to agile processes and tools, such as branching, source control structure, dependency management, Linux server build infrastructure, code review, and check-in policies, that are developed and instrumented by DevOps teams across projects.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups, Optimized volumes and EC2 instances.
* Used the Elastic Beanstalk to create the web applications with the integration of Docker.
* Implemented Elastic Beanstalk to auto-deploy and auto-scale applications using services such as EC2 instances, Load balancer and Databases on RDS in AWS environment.
* Handle the details of capacity provisioning, load balancing, scaling, and application health monitoring using Elastic Beanstalk.
* Building out and improving the reliability and performance of cloud applications and cloud infrastructure deployed on Amazon Web Services (AWS).
* Manage overarching environments by supporting any and all outages to “the best of our ability”, this includes trying to troubleshoot the issues and restarting services.
* Building and Managing Infrastructure for the client’s Mindsphere platform with AWS Cloud Computing.
* Build and configured a virtual data center in the Amazon Web Services cloud including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables, Elastic IPs Elastic Load Balancer, Auto Scaling with focus on high-availability, scalability and fault-tolerance.
* Launching Amazon EC2 Instances using Amazon Web Services (RHEL/Windows) and Configuring launched instances with respect to specific applications.
* Created snapshots and amazon machine images (AMIs) of the instances for backup and creating clone instances.
* Used the Elastic Beanstalk to create the web applications.
* Managed IAM policies, providing access to different AWS resources, design and refine the workflows used to grant access.
* Implemented and maintained the monitoring of the resources using AWS Cloud watch.
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Maintain Mindsphere AWS accounts using AWS Organizations.
* Maintain EC2 instances using AWS Systems Manager and configure Run Command.

**Environment:** Amazon Web Services (EC2, VPC, EBS, S3, EFS, ELB, Autoscaling, IAM, RDS, Docker, Cloud Watch, ECS, Service Now, Linux.)

**Project-1.**

**Client: EMC2**

**Role: Migration Engineer. Nov 2017 – dec 2018.**

**Responsibilities:**

* Migrating the Servers from VMware to AWS using Server Migration Service (SMS).
* Creating EC2 and provide access to users.
* Designing and implementing EC2 type based on team usage and reduce cost.
* Creating S3 bucket and assigned access.
* Maintaining S3 storage classes and life cycle policy based on the usage.
* Designing and implementing cross region replication for required team.
* Create/Managing buckets on S3.
* Creating EBS and assigned to EC2 instances.
* Setup/Managing Servers on Amazon (EC2, EBS, ELB, SSL, Security Groups and IAM).
* Designing and implementing VPC and helped to create different subnets.
* Setup NAT gateway and to access internet without public IP and reduced cost and maintaining security.
* Setup/Managing VPC, Subnets; make connection between different zones; Blocking suspicious IP/subnet via ACL.
* Knowledge in Setup/Managing Databases.
* Monitoring servers thorough Amazon Cloud Watch, Cloud Trail.
* Setup and managing Messaging service SQS,SNS and SES.
* Creating/Managing DNS records on Amazon Route 53.

**Client: EMC2**

**Role: VMware/Linux Administrator Sep 2016 – oct 2017.**

**Responsibilities:**

* Provide 24/7 on-call support for production Applications and Windows, Citirx, Linux Infrastructure.
* Managing VMware infrastructure environment with 35 ESXi servers, 800 plus virtual machines
* VM Servers build & rebuild (Deploying the New VM from the Template and Cloning an Existing VM) as per the client request through change management process.
* Installing and configuring ESXi servers.
* Installing, configuring and managing virtual infrastructure and virtual center.
* Creating and managing resource pools and adding the VM’s into resource pools.
* Creating and managing virtual machines and installing VM Tools into VM’s.
* Manage VM’s using VMware virtual center.
* Managing VM’s through web access.
* Security hardening and Monitoring of VM’s & ESX servers (CPU, Memory, Disk, Network Utilization) for Security Compliance.
* Creating and managing VM Ware cluster. Enabling HA and DRS features in a cluster.
* Configurations of Virtual switches and network connections.
* P2V and V2V conversions by using VMware Converter.
* Performing Snapshots, Cloning, cold migrations and hot migrations.
* Creating templates from VM’s and deploy VM’s from templates and allocate resources.
* Creating duplicate VM’s using cloning technology.
* Moving VM’s from one LUN to another LUN using Storage VMotion.
* Performance tuning of VMware servers, Virtual sessions and management of server resources between virtual machines.
* Moving physical machine to virtual machine using p2v converter.
* Configuring alarms.
* Root Cause & System Log Analysis and reporting.
* Troubleshooting problems with the help of Event Logs.
* Troubleshooting virtual machine issues.
* Manage users, groups, permissions and roles.

Place: Hyderabad

Date: Sk Meera Mohiddin