Mateen Shaik

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**Summary:**

Seeking challenging position in growth oriented organization to satisfy myself, considering the satisfaction of the organization and to develop and utilize my computing and technical skills. Experience including Change & Release Management, Maintenance, Enhancement & Conversion of Software Applications design, Product Development, Banking and health application domains.

**Specialties:**

* Overall experience 7+ years of experience in IT industry.
* Having 3+ years of experience in **DevOps Engineer and automation expertise to engineer** and deliver best-fit products catering to client requirements and to main sustainable environments in the cloud computing space.
* Configuring AWS services like **VPC, EC2, Auto scaling, AMI, EBS, ELB, Cloud watch, RDS and S3**
* Experience on tools like **Ansible, Jenkins, Docker, Kubernetes, Maven, Git, GitHub and Terraform**.
* Experience with environment provisioning and orchestration Deployed AWSservers like Linux.
* In-depth knowledge of GIT and GitHub hence created repositories, branches and providing\access permissions to the developers over branches.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
* Created Jobs for Builds and Deployments, installed several plugins in Jenkins to support multiple build eco systems required for the implementation of projects.
* Experienced in using monitoring tools like **CloudWatch.**
* Steered efforts towards **CI/CD pipeline implementation** for diverse range of applications as well as administering automation
* Hands-on experience Automate the **Ansible playbooks** to deploy automated tasks to many servers.
* Setup & Configuration of **Ansible** Configuration Management with specific client requirement such as create user/remove user, install/remove packages, updates & configure multi nodes.
* Configuring customized **Docker containers and creating Docker files** for different environments via Docker
* Participated in performing automation tasks on various Docker components **line Docker Hub, Docker Engine, Docker Machine and Docker Registry.**
* Running stateless and stateful application on Kubernetes cluster, using health-checks, configmaps, and secrets placement strategies using Node or pod.

**Work Experience:**

* Working for Pole to Win India Pvt Ltd as a Senior Software Engineer from **Mar 2020 to till.**
* Worked for Cognizant Technology Solutions as Programmer Analyst from **Feb 2019 to Mar 2020.**
* Worked for APT Online Pvt. Ltd. as a Senior Software Engineer from **Mar 2013 to Feb 2019**.

**Technical Summary:**

* Operating Systems : RHEL,Cent OS
* Ticketing/Monitoring Tools : Service Now, Jira, Nagios & CloudWatch
* Cloud Platform : AWS
* Version Control : Git, GitHub
* Deployment Tools : Docker, Kubernetes(K8s)
* Continuous Integration tool : Jenkins
* Configuration Tools : Ansible
* Build Tools : Maven

**Professional Experience:**

**Health Insurance Innovations, Inc. (HIIQ)**

**DevOps Engineer**

**from Mar 2020 to till.**

**Description:** Health Insurance Innovations, Inc. (HIIQ) -[(NASDAQ: HIIQ)](https://investor.hiiquote.com/), is a market leading cloud-based technology platform and distributor of innovative health insurance products that are affordable and meet the consumer's needs. We assist in the development of insurance products through our relationships with best-in-class insurance companies and we provide access to these products through a broad distribution network of third-party licensed insurance agents across the nation, our call center network and our unique online capabilities.

**Roles& Responsibilities:**

* Installed, configured and administered Jenkins CICD Tool and created CI/CD Pipelines by integrating Git, GitHub, Jenkins, Ansible managed servers on the AWS platform instances via Terraform
* Configured Jenkins nodes to build jobs & distributing the load of Jenkins server and achieved parallel builds using master-slave configuration.
* Provided customized Docker file for application using Docker and build the Docker images and stored it in Docker Hub registry and then ran the containers from Docker image whenever needed.
* Experience of Linux OS, including security, compilation, and installation of third-party software and networking.
* Continuous integration and automated deployment and management using Jenkins, Maven, Ant and comparable tools.
* Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Terraform templates.
* Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling
* Dynamically add and remove servers from AWS production environment.
* Provided consistent environment using Kubernetes for deployment scaling and load balancing to the application from dev through production easing the code development and deployment pipeline by implementing Docker containerization with multiple namespaces.
* Created Cloud Watch alerts for instances & used them for auto-scaling launch configurations.
* Coordinated with developers, Business Analysts and Managers to make sure that code is deployed in the Production environment.
* Experience in installation and configuration of configuration management tools like Ansible.
* Using volumes to provide persistence storage to containers. Worked on scaling our apps using metrics.
* Implemented Jenkins pipeline for deploying my customized Docker containers into the Kubernetes cluster.

**NAPA-IDM, Cognizant Technology Solutions.**

**Cloud Engineer**

**Client: GPS**

**Feb 2019 to Mar 2020**

**Description:**

 The NAPA IDM site is currently used by GPC employees as well as Jobbers for centralized identity management functions. The reason for utilizing IDM as the location for these messages is that some applications may have multiple entry points. These could be the NAPA-Connect portal, a third party login page, other portals, and possibly desktop clients. The messaging solution will be flexible enough where the application messages may be obtained from any of these entry points with limited customized development.

**Roles& Responsibilities:**

* Experience in configure AWS services like VPC, EC2, Auto scaling, AMI, EBS, ELB, CloudWatch, RDS and S3.
* Creating various alarms in AWS to have continuous monitoring of resources and billing in AWS.
* Designed high availability environment for application servers and database servers on EC2 by using ELB and Auto-scaling.
* Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Terraform templates.
* Installed and maintained the GIT repositories.
* Good experience in AWS with provisioning resource management and setting up Enterprise infrastructure on Amazon Web Services(AWS).
* Good Experience in containerization tool Docker and configuring the customized Docker containers and creating docker files for different environments.
* Monitored containerization technology including Dockers, Kubernetes and so on
* Setting up the new build environment for various products in Linux environment.
* Involved in Branching, tagging of code delivery at required releases.
* Build & deploy application code on to various QA, UAT and Production Environments in the form of packages.
* Create to Automate AWS services which include web servers, ELB, EC2 and database security groups, S3 bucket and application configuration
* Involved in setting up Elastic Load Balancers for different applications to ensure high availability of applications
* Used and Administered Continuous Integration tools Jenkins.
* Used Maven as a build tools on java project for the development of build artifacts on the source code.
* Created end to end automation process for patch builds and prepared release portal for each release.
* Managed servers on the AWS platform instances using Terraform.
* Worked on Prometheus tool for my complete Kubernetes cluster monitoring.
* Used to work closely with Developers and Build & Release team to setup Jenkins server & nodes for build and release team as per request.

**Meeseva / Meeseva-Online Portal, APT Online Pvt.,**

Client: **Andhra Pradesh Govt.**

**Mar 2013 to Feb 2019.**

**Description:**

Meeseva is an online service for issuing different types of certificates in short span of time. Citizens visit the kiosk centers for applying different type of certificates with required details. Operator can enter the details and collect nominal charges for that service. After Receiving the Request from citizen, it will go through Process. Once process completed Certificate will be issued to citizen.

**Roles& Responsibilities:**

* Installing, configuring and managing operating systems in Red Hat Linux (4.0, 5.0 & 6.0) servers.
* Installing, Managing and upgrading patches and packages.
* Configuring the private repository for accessing the packages with YUM.
* Experience on file system and disk management and managing disk quotas.
* Creating and managing user accounts, groups and access levels using SUDO.
* Configuring the LVMs and adding the additional disk space as and when required.
* Managing NFS in client-server architecture with Auto mount features.
* Installing and Configuration of Open SSH.
* Scheduling/Controlling of jobs using Cron.
* Implementing ACL’s& special file permissions for security purpose.
* Troubleshooting of network connectivity problems and day-to-day system issues.
* Create the partitions and extend the swap partitions space and swap file.
* Applying TCP Wrappers, IP tables and Firewalls in order to deny unauthorized access.
* Configuring the network services like FTP, NFS.

**Education:**

* MTech from Amrita Sai Institute of Science & Technology, Andhra affiliated to JNTU Kakinada University.
* B Tech form Nimra Institute of Science & Technology, Vijayawada affiliated.

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