**Mazhar Khan**

**Automation Engineer (DevOps)**

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**CAREER OBJECT:**

Aim to work in a challenging work environment where I can utilize my expertise and technical skills, towards the development and implementation of the new ideas, contributing to growth of the organization.

**PROFESSIONAL SUMMARY:**

* Having **3 years** of experience in **Build and Release(DevOps).**
* Proficient in AWS services like EC2, VPC, S3, configuring security groups and IAM.
* Creation and administration of **AWS** resources and different services (Launching Instances and Amazon machine images, Creating elastic load balancers, Creating security groups for instances).
* Extensively worked with Version Control Systems **GIT**.
* Installation and configuration of **GIT**, merging code from develop branch to master branch and make it ready for deployment.
* Managed servers on the Amazon Web Services (AWS) platform instances using **puppet** configuration management.
* Having good exposure on Continuous Integration (Jenkins), configuration management (Chef) tools.
* Installing Plugins in **Jenkins** as per project requirements.
* Having knowledge on **Docker** containerization tool.
* Good exposure on advanced concepts like Auto Scaling and Load balancing.
* Worked on instance root volume increase and creation of new volumes, attaching new volumes to existing instance and resizing existing volumes.
* Ability to learn and master new technologies and also to deliver outputs in short deadlines.

**PROFESSIONAL EXPERIENCE:**

* Currently working as **DevOps Engineer for TCS** from **nov 2015** to till date.

**TECHNICAL SKILLS:**

**Cloud Technologies :** AWS Services

**Version Control Tools :** Git

**CM tool :** puppet

**Continuous Integration Tool :** Jenkins

**Operating Systems :** Linux (Red Hat 6/7), Ubuntu.

**WORK EXPERIENCE:**

**Project#1**

**Project Name : DSV Global Transport and Logistics**

**Technology : Linux, Git, puppet, Jenkins, AWS.**

**Role : DevOps Engineer**

**DESCRIPTION:**

DSV is a global supplier of transport and logistics solutions. We have offices in more than 70 countries and an international network of partners and agents, making us a truly global player that offers services worldwide. The effective, professional solutions provided by the company's 22,000 employees enabled DSV to record worldwide revenue of 6.1 billion euro.

**ROLES AND RESPONSIBILITIES:**

* Experience on Amazon Cloud Computing web services like Elastic Compute cloud (EC2), Simple Storage Service (S3), and Virtual Private Cloud.
* Version control and source code management using the **GIT.**
* Installation and configuration of **GIT**, merging code from develop branch to master branch and make it ready for deployment.
* Experience in **puppet** Enterprise Hosted as well as On-Premise, Installed Workstation, Bootstrapped Nodes, Wrote Recipes and Cookbooks and uploading them to chef-server.
* Installing Plugins in **Jenkins** as per project requirements.
* Installed Continuous Integration Server **Jenkins** as a service, configured the projects on Jenkins and automated the build, deployment and test execution on all the target platforms.
* Configured and monitored the scheduled builds and continuous builds using CI tool.
* Handle multiple builds from Development team, create build and perform deployment activities.
* Managing S3 buckets and bucket policies.
* Taking regular snapshots for EBS volumes.
* Good exposure on advanced concepts like Auto Scaling and Load balancing.
* Deploying Database applications using RDS to Manage, Create snapshots, and Automate backup of Database.
* Monitoring Cloud Trail and Cloud Watch to analyse access and event logs.

**Project#2**

**Project Name : IBC UM Health Application**

**Technology : Linux, Git, puppet, Jenkins, AWS.**

**Role : Build and Release Engineer**

**DESCRIPTION:**

It is the largest health insurer in United States. This project is to develop the UM application for Minnesota State Insurance organization by following Highmark application (Highmark Health Insurance Organization agreed to give support to Minnesota State Insurance Organization by building like HMK UM application according to policies of MN).

**ROLES & RESPONSIBILITIES:**

* Experience on Amazon Cloud Computing web services like Elastic Compute cloud (EC2), Simple Storage Service (S3), and Virtual Private Cloud.
* Initiating Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and managing and configuring launched instances with respect to specific applications.
* Version control and source code management using the **GIT.**
* Expertize in **puppet** Enterprise Hosted as well as On-Premise, Installed Workstation, Bootstrapped Nodes, Wrote Recipes and Cookbooks and uploading them to chef-server.
* Installation and configuration of **GIT**, merging code from develop branch to master branch and make it ready for deployment.
* Installing Plugins in **Jenkins** as per project requirements.
* Installed Continuous Integration Server **Jenkins** as a service, configured the projects on Jenkins and automated the build, deployment and test execution on all the target platforms.
* Managing S3 buckets and bucket policies.
* Good exposure on advanced concepts like Auto Scaling and Load balancing.
* Taking regular snapshots for EBS volumes.
* Monitoring Cloud Trail and Cloud Watch to analyse access and event logs.

**EDUCATIONAL QUALIFICATIONS:**

* B.com (E-commerce) from Osmainia university in the year 2011

**DECLERATION:**

I hereby declare that the information furnished above is true to best of my knowledge and belief

Place:Hyderabad

Date: Mazhar khan