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| Objective: |

To work for an organization which provides scope to learn and thus contribute for the achievement of its goals and objectives.

Summary:

* Having around 3+ years of IT experience, having good knowledge in Cloud Solutions using **Amazon Web Services, Linux** and **DevOps**.
* Creating CI/CD pipeline on AWS environment by using various DevOps tools like **Jenkins, Maven, Git, Docker, Ansible.**
* Worked as **DevOps engineer** in field of release automation for java application to achieve **continuous integration (CI) and continuous delivery (CD).**
* Extensively worked on **Docker/Ansible** by installing, configuring and maintaining for the purpose of continuous delivery **(CD)** and for End to End automation for all build and deployments.
* Working on new **AWS** project requirements collection, Designing, review & implementing enterprise grade with customizable and cost-effective Solutions
* Involved in designing and deploying a multitude applications utilizing almost the entire AWS stack (Including **VPC, EC2, ELB, Auto Scaling, RDS, S3, Cloud Watch, IAM and etc.)**
* Experience in providing operations and maintenance support for **AWS** cloud resources such as launching, maintaining, and troubleshooting **EC2** instances, simple storage service (**S3)**, Virtual Private Clouds (**VPC**), Elastic Load Balancers (**ELB**), Relational Database Services (**RDS**), Backups, Route53, Cloud Watch and **IAM**.
* Experience in Branching, Merging, Tagging and maintaining the version across the environments using SCM tool **GIT (GitHub, GitLab).**
* Good experience in **Linux** server ops, system architectures and information security best practices.

Technical Skills:

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| **DevOps Tools** | Git, Jenkins, Maven, Ansible, Docker |
| **Cloud** | Amazon Web Services (AWS) |
| **Operating Systems** | Linux |
| **Application Server** | Apache Tomcat |
| **Monitoring** | Cloud Watch, Nagios |
| **Scripting Languages** | Shell |

Professional Experience:

* Working as a Devops Engineer in **Mind tree**, Bengaluru from Dec 2015 to Till Date.

Education Qualifications:

* **2013 – B.Tech** from **JNTUH**

Project #1:

**Client : Telecom Italia**

**Role : AWS Cloud/DevOps Engineer**

**Environment : AWS,Docker, Ansible, Git, Jenkins and Linux.**

**Roles :**

* Implemented **CI**/**CD** using **Ansible, Docker** from scratch
* Experience in deploying and operating **AWS**, specifically VPC, EC2, S3, IAM, ELB, Cloud Formation and Cloud Watch using the AWS console.
* Setup instances on AWS for DevOps tools and enabled appropriate secure communication for CI/CD flow.
* Configure Jenkins server by installing pre-requisites link java, git and installing plugins required for build, unit test, deployment process
* Responsible for build and managing infrastructure on **AWS** cloud and Creating **CI/CD pipelines** on **Jenkins**.
* Good experience in creating entire CI/CD pipelines for Java.
* Involved in monitoring builds, break/fix management, issue tracking, and identifying and resolving wide variety of build-related issues for different products.
* Development of **ansible** play books to manage systems configuration.
* Writing Docker files, create the Docker images in version control way.
* Monitoring health of **Amazon EC2** instances and other AWS services Cloud Watch**.**
* Building & configuring Red hat Linux systems over the network, implementing automated tasks through crontab, resolving tickets according to the priority basis.
* Build and Release EC2 instances Amazon Linux, Red Hat and Windows for development and production environment
* Collaborating with various teams in gathering requirements and suggesting infrastructure solutions based on necessity and financial constraints.
* Configuring and managing various AWS services like EC2, VPC, S3, Cloud Watch, SNS, and IAM etc.
* Assigning roles and policies to users, Security groups using IAM.
* Implementing ELBs and Auto scaling groups for EC2 instances for providing high availability and fault tolerance.
* Collecting security and cost optimization reports and advising customer to reduce cost and improve security.
* Enabling Cloud Trail and analysing logs in case of subspecies events appended.
* Knowledge in load balancing and set up load balancer and firewall rules in and enterprise environment.
* Using Auto scaling for horizontal scaling of instances depending on load.
* Configure the servers with the Cloud Watch monitoring and monitor the performance metrics of the production servers.
* Maintained build related scripts developed in **YAML and Shell.**
* Implemented Cloud Front solution for caching web content based on the regions
* Manage and monitoring cloud environments using Cloud Watch, Nagios Monitoring.
* Worked on Bootstrapping, assigning Elastic IPs, scaling up/down as per EC2 instance utilization.
* Worked on Auto scaling of EC2 instance. launch and modification of EC2 instance through CLI,
* Using Auto scaling for horizontal scaling of instances depending on load.

Project #2:

**Client : Internal Project**

**Role : System Engineer**

**Environment : Red Hat Linux, Shell Scripting** **GIT, Jenkins, Tomcat, Docker**

**Roles:**

* Installation of Linux operating systems on Hardware and Virtual environment
* Creating and Managing Users / Group accounts on local OS accounts.
* Implementing LVM with physical volume, volume group & logical volume.
* Online extending &reducing size of logical volumes.
* Scheduling of automatic, repetitive Jobs using commands with crond.
* Implementation of Security by using ACL and Special Permissions.
* Monitoring swap memory usage and configuration of the additional swap space as per requirement.
* Working on cpu utilization, memory utilization issues etc.
* Installation of RPM & YUM Configuration.
* Installation and Configuration of FTP Service.
* Backup and Restore the server data using zip and tar.
* File System administration and management like monitoring various logs, file system sizes etc.
* Creating and maintaining of LVM partitions.
* Implementing the NFS, FTP, DNS and Apache on Linux.
* Creating the Partitions and Format Partitions.
* Configuring and administering the NFS .
* Configuration and troubleshooting SSH Trusting.
* Working on OS and Hardware issues with various 3rd party vendors.
* Troubleshooting Linux server performance issue like memory and swap utilization.
* Analysing Hardware errors and reporting to the support team
* Track and own all incident, problem and change managements work through a ticketing system.
* Working on User and Group Administration
* Monitoring and analysing the logs and troubleshooting the servers
* Servers are decommission as per client request
* House keeping the file systems when it reaches the threshold values
* Strictly follow the processes like Change Management, Incident management