**DevOps / AWS Engineer**

**Career Objectives**

Having 3 years of hands on experience with software domain includes operational and administration of products. Seeking for growth oriented position and good environment where my knowledge and experience can be shared and enhanced.

**Skill Summary ( DevOps & AWS)**

* Around 3 years of experience in IT Industry as a **DevOps** and **AWS Engineer**.
* Maintained & Configured On-premises & Cloud Data-Center’s
* Involved in designing and deploying a multitude applications utilizing almost all of the **AWS stack (Including EC2, Route53, S3, RDS, VPC, ELB, SNS, Cloud Watch, IAM, Lambda, ECS, EBS)** focusing on high-availability, fault tolerance, and auto-scaling.
* Hands-on Experience in configuration of Network architecture on **AWS** with **VPC**, Subnets, Internet gateway, NAT, Route table.
* Configured Elastic Load Balancers with EC2 Auto scaling groups. Worked on core AWS services such as Setting up new server (EC2)instances/services in AWS, configuring security groups, and setting up Elastic IP's, auto-scaling configuration, and Cloud Formation.
* Utilized **Linux Admin skills** on deployment servers to make sure the servers are running as expected.
* Working on Daily builds Using Shell Script to extract automates the build process.
* Installation, Configuring, troubleshooting and maintaining the Tomcat server and Apache web server.
* Used Java programming, related code files, config files & package mechanisms (JAR, WAR & EAR packages) & provided optimal mechanism to build application packages.
* Worked as **GIT/GIT Hub** administrator as part of my role and monitored the repository for various issues.
* Involved in the implementation of Automation Scripts for **AWS** infra using **Terraform** Scripts
* Build Management – Experience in tools such as Jenkins, Maven, and Nexus for build management.
* Hands on experience with Configuration Management Tool such as Ansible.
* Experienced in design and maintenance of the GIT repositories
* Participated in release level discussions and gone through the total SDLC and Agile process.
* Developed Build and Release management - GIT, Maven, Jenkins’s administration, Nexus.
* Troubleshoot the build issue during the Jenkins build process.
* Used MAVEN as a build tool on java projects for the development of build artifacts on the source code.
* Hands on experience on Configuration, Administration and Maintenance of CI tools Jenkins.
* Experience in administration of databases like MySQL Server and Amazon RDS, Implementing a Continuous delivery framework using Jenkins, Ansible, Maven & Nexus in Linux environment Implementing a Continuous delivery framework using Jenkins, Ansible, Maven & Nexus in Linux environment.
* Hands-on experience on monitoring tools like **Amazon Cloud Watch** to maintain various systems on different environments.
* Monitor Nightly builds every day morning and update the respective dev team if there are any issues.
* Followed best practices, optimize processes, adapt new technologies, quick learner and hardworking individual.

**Technical Profile & Skill set**

**Operating system:**

**UNIX, Red Hat, Cent OS, Ubuntu, Windows.**

**Build Tools:**

**Maven**

**Version Control Tools:**

**GIT/GIT Hub**

**Web/ Servers:**

**Nginx, Apache HTTPD**

**Application Servers:**

**Apache Tomcat**

**CI Tools:**

**Jenkins**

**Monitoring Tools:**

**CloudWatch, NagiOS.**

**Cloud Technologies:**

**AWS[EC2, Route53, S3, RDS, VPC, ELB, SNS, Cloud Watch, IAM, API Gateway].**

**Database**

**MySQL**

**Configuration Tools:**

**Ansible.**

**Scripting Language:**

**Shell Scripting.**

**Artifactory:**

**Nexus, Amazon S3**

**Defect tracking tool:**

**Jira**

**Provisioning Tools:**

**Terraform, Cloud Formation**

**Professional Experience**

|  |  |  |
| --- | --- | --- |
| **Company Name** | **Designation** | **Duration** |
|  |  |  |

**Professional Qualification**

B.Tech in 2018 from JNTU University, Hyderabad

**Career Snapshot**

**Project**

**Client : SunTrust, USA.**

**Role : DevOps / AWS Engineer**

**Duration : Sep 2018 to Till Date.**

**Responsibilities:**

* Launching and configuring of Amazon EC2 Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications
* Configuring and Networking of Virtual Private Cloud (VPC)
* Used Security groups for instances and configured NACLS in Virtual Private Cloud (VPC) to manage network security.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS) Created users and groups using IAM and assigned individual policies to each group.
* Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault to tolerance Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Created users, repositories, branching, tagging and users on the Git version control system. Implemented continuous integration using Jenkins.
* Creating and Building jobs, CI/CD, and Configuration, trouble-shooting of Jenkins.
* Configured Security group for EC2 Window and Linux instances and also for Ansible.
* Configuring and maintaining Ansible, implementing playbooks and pushing them to Ansible nodes.
* Involved working on Ansible as configuration management tool to automate repetitive tasks and to deploy applications.
* Configuring monitoring tools such as Cloudwatch ,Nagios..
* Installed, configured and administration of Tomcat Application Server Network Deployment on Linux, UNIX and Windows Server
* Implemented the automation scripts (Shell Script) for deployment process to different environments.
* Deployed application packages on to the Apache Tomcat server. Coordinated with software development teams and QA teams.