**Professional Summary**

* Having 4+ years of experience as **DevOps Engineer**, this includes experience in implementing the field of Build & release, Configuration Management, Cloud Services (**AWS**) and Containers.
* Experience in working with AWS services, EC2 instances, ELB, Auto Scaling,Route53, S3, Glacier, VPC, IAM, and Management tools like cloud watch.
* Worked with **IAM** service creating new **IAM** users & groups, defining roles and policies and Identity providers.
* 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.
* Experience in configuring **Jenkins** to perform continuous integration (**CI**), Continuous Delivery (**CD**) for the application.
* Installing Plugins in **Jenkins** as per project requirements.
* Experience on containerization tool **Docker** writing Docker files for creating **Docker images** and **containers** for different environments.
* Experience in automating builds and deployment process using Docker Containers using Docker Containerization tools and its Orchestration tools **Docker Swarm**.
* Expertise in Configuration Management Tool like **Ansible** for writing playbooks, creating Roles.
* Experience in working on **Linux** operating system.
* Experience in working with **SHELL**.
* Expertise in using build tool like **MAVEN** for building of deployable Artifacts such as war and Jar from Source Code.
* Have experience on configuring Aws tools using **Terraform**.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.

**Academic History:**

**Professional Experience:**

**Technical Skills:**

|  |  |
| --- | --- |
| **Cloud** | AWS(EC2, S3, EBS, EFS, IAM, ELB, VPC, Route53, Cloud Watch) |
| **DevOps Tools** | GIT, Jenkins, Ansible, Docker |
| **Code Quality** | SonarQube |
| **Infrastructure Tool** | Terraform |
| **Containerization Tool** | Docker |
| **Orchestration** | Docker Swarm |
| **Monitoring Tools** | Cloud Watch |
| **Scripting** | Shell |
| **SCM Tool** | GitHub |
| **Operating Systems** | Linux, Windows |

**PROJECT 1:**

**Domain:** Insurance

**Role**: DevOps Engineer

**Responsibilities:**

* Experience on Amazon Cloud Computing web services like Elastic Compute cloud (EC2), Simple Storage Service (S3).
* Provisioning of AWS instances using **Terraform** and creating modules to create infrastructure of AWS.
* Version control and source code management using the **GI**
* Installation and configuration of **GIT** and make it ready for deployment.
* Implemented the Continuous Integration server (Jenkins) for automate the build process for Maven projects.
* Installing Plugins in **Jenkins** as per project requirements.
* Creating new jobs in Jenkins and managing the build related issues.
* 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.
* Working with multiple jobs and perform deployment activities.
* Configured end-to-end delivery pipeline using **Git** version control system, **Maven**, Jenkins and **Tomcat** server.
* Configured **Jenkins** with git source code control management tool with webhook configuration and monitored the continuous builds for continuous deployment.
* Setting up JENKINS master, adding the necessary Plugins and adding more slaves to support scalability and agility.
* Extensive experience using **MAVEN** as build tools for the building of deployable artifacts (jar, war & ear) from source code.
* Using **Ansible** Configuration management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage change.
* Creating Custom **Docker** images using Docker file.

**PROJECT 2:**

**Domain:** Health Care

**Role**: DevOps Engineer

**Responsibilities:**

* Launching **Amazon EC2** Cloud Instances using Amazon Web Services (Linux/Ubuntu/) and Configuring launched instances with respect to specific applications.
* Used **Cloud Watch** to set alarms for notifications or automated actions, and to monitor logs for a better understanding and operation of the system.
* Branching and Release Activities on Version Control Tool **Git** and **GitHub**.
* Build scripts using **Maven** build tool plugins to generate the artifacts in **Jenkins**.
* Implemented Continuous Integration using **Jenkins**.
* Installing and configuring **SonarQube** and integrated with Jenkins.
* Creating and maintaining the Jenkins slaves for distribution of loads.
* Deployed the java application into web application servers like **Apache**, **Tomcat**.
* Creating servers, AMIs, storage blocks in **S3 Bucket**, taking snapshots, **VPCs**, subnets, load balancing and auto-scaling in AWS.
* Managed Ansible Playbooks with **Ansible** modules, Implemented CD automation using **Ansible**, managing existing servers and automation of build/configuration of new servers.
* Worked with **Docker** and created multiple containers and images and also had experience on writing the **Dockerfile.**

**DECLARATION:**

* I solemnly do here by declare that all statements made here are true to the best of my knowledge and belief.

**N.Srinivas**