Harigopi Reba

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OBJECTIVE

I am looking for a challenging position in an esteemed organization where my past experience, technical and analytical skills are utilized for continuous growth and advancement of the company. I am a person with positive attitude, have sincerity towards my work and ability to perform under pressure.

PROFESSIONAL SUMMARY

- Having overall **2 years** of IT experience as a **DevOps Engineer** and hands-on experience with **AWS services** and **DevOps tools**.
- Hands on experience with version control tools like **GIT** and **GitHub**.
- Good working experience on **Linux Operating Systems**.
- Hands on Experience with Build Tool **Maven** to generate project Artifacts and Integrating **Nexus** with Jenkins to store **Artifacts**
- Hands on Experience on provisioning the infrastructure as a code (IAC) using **Terraform**
- Hands on Experience in creating modules for different environment, like supporting different environment (DEV, UAT, PROD) by using **Terraform**
- Hands on Experience in automating build process using **JENKINS** CI Tool.
- Good experience in deploying the files in **Tomcat Server**.
- Worked on ticketing tool like **JIRA.**
- Integration, deployment and administration of **Java** Application servers – Tomcat Application Server across Linux platforms.
- Hands on experience with AWS services like **EC2, VPC, S3, IAM, EBS, ELB, Auto scaling, Route53, RDS, EFS, ECS, ECR, Cloud Trial, Cloud Watch.**
- Docker installation and image setup and creating custom image from a Docker File.
- Hands on experience in Container Orchestration by using **Kubernetes.**
- Implemented resource quotas at the namespace level to enforce limits on cumulative resource usage by pods within a namespace.
- Tested and validated resource limits and quotas to ensure proper functioning and adherence to application requirements.
- Hands on experience in creating the **Kubernetes cluster** and writing the manifest files and Service file

TECHINICAL SKILLS

Version control tools	GIT, GitHub
Operating Systems	Linux, Ubuntu, Windows
Scripting	Bash Scripting
IAC & Build Tools	Terraform & Maven
Application Server	Apache Tomcat
Monitoring Tools	Cloud Watch, Prometheus, Grafana
Configuration Management Tool	Ansible
Continuous Integration Tools	Jenkins (CI), Argo CD
Cloud Environment	AWS
Containerization Tool	Docker
Container Orchestration	Kubernetes.

ACADEMIC CREDENTIAL

- Bachelor of Technology from **JNTUK, Kakinada** in 2021.

PROFESSIONAL EXPERINCE

- Worked as a **DevOps Engineer** at **NTT DATA Global Delivery Services Pvt Ltd** from **June-2022 to Feb-2024.**

PROJECTS

➢ **Project:**

Project Name	National life Group
Client	**National life Group, US**
Role	DevOps Engineer
Duration	June-2022 to Feb-2024
Environment	**GIT, Shell Scripting, Tomcat, Linux, Maven, Kubernetes, Jenkins, Docker, Terraform, Ansible, AWS.**

Responsibilities:

- Administration of GITHUB includes creating branches, tagging.
- Maintaining source code in **GITHUB** repository
- Used Maven scripts to build the source code
- Automated build scripts using **Maven** and Shell Scripts.
- Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
- As an **AWS Cloud DevOps Engineer,** I am responsible for taking care of day today build and release activities. These activities include build issues, deployment issues for multiple releases like maintenance release, enhancement release, bug fixes, emergency releases.
- Worked on tagging standard for proper identification and ownership of EC2 instances and other AWS Services like **Cloud Watch, RDS, EBS, S3**.
- Setup and build AWS infrastructure various resources, **VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling**, and **RDS** in Cloud Formation JSON templates. Implemented local user provisioning instances created in AWS cloud.
- Developed Dev, Test and Prod environments of different applications on AWS by provisioning EC2 instances.
- Experience in setting up **CI/CD** pipeline integrating various tools with **Jenkins** to build
- Responsible for maintaining GIT Repositories, and access control strategies.
- Analyze and resolve conflicts related to merging of source code for GIT
- Coordinated and assisted developers with establishing and applying appropriate branching, labeling/naming conventions using Git source control.
- Built scripts using Maven build tools in Jenkins to move from one environment to other environments.
- Used Maven as a build tool on java projects for the development of build artifacts on the source code.
- Built Continuous Integration environment Jenkins and Continuous delivery environment. Implementing and managing Jenkins DSL job to automate the new job creation.
- Automation of new job creation by implementing and managing Jenkins DSL. Setup Jenkins master slave architecture to use Jenkins as pipeline as service.
- Used different Jenkins plugins like Global Build Stats plugin, job generator plugin to help developers create new jobs, Hudson Post build task Plugin to publish artifacts to repositories once the build is succeeded and to perform some other tasks depending on the output of the build, Amazon EC2 plugin to create slaves on EC2 servers etc.

DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above mentioned particulars.

Date: (Harigopi Reba)