SAI TEJA GANJIKUNTA
DevOps Engineer Role

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OBJECTIVE

To secure a challenging position where I can effectively contribute my skills & expand my knowledge for the dynamic growth of organization. Well versed in software production, development life-cycle and release of software products. Looking for a responsible position as a DevOps Engineer in an established IT firm with 4 years of experience on DevOps Engineer activities.

WORK EXPERIENCE

- Working as an Analyst Development (DevOps) in **TECH MAHINDRA** from Aug 2022 to till Date
- Worked as a DevOps Engineer in **Genbrook Solutions Pvt Ltd** from May 2019 to Aug 2022.

PROFESSIONAL SUMMARY

- Over 4years of Experience in Information Technology includes DevOps management and production deployments which include Packaging, Deploying and Application Configurations.
- Skilled at Software Development Life Cycle and involved in agile methodology throughout the project. Involved in weekly and daily bases release management.
- Hands on experience in AWS provisioning and good knowledge of **AWS** services like EC2, S3, IAM, Route 53, VPC, Auto scaling, Security Groups.
- Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies using Jenkins and AWS Code Pipelines.
- Worked with **GIT** source code tool and ensured the reliability of the application as well as designed the branching strategies for **GIT**.
- Integrated **Jenkins** CI with **GIT** version control and implemented continuous build based on check-in for various cross functional applications and created **GitHub** Webhooks to setup triggers for commit, push, merge and pull request events.
- Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all build and deployments.
- Deployed applications using **Jenkins** server and Troubleshoot build & release job failures, resolve, work with developers on resolution.
- Experience with Configuration Management automation tool Ansible and has worked on integrating **Ansible YAML Scripts**. Used **Ansible** for configuring and managing multi-node configuration management over SSH.
- Created **Docker** images using a **Docker** file, worked on **Docker** container snapshots, removing images and managing **Docker** volumes
- Knowledge of Shell Scripts for automation purpose.
- Worked on the Kubernetes API objects.

- Involved in deploying the code onto web application servers like **Apache Tomcat.**
- Worked with JIRA for Issue Tracking, monitoring and prioritize issues.
- Understanding of fundamental technologies like **DNS**, Load Balancing, **SSL**, **TCP/IP**, networking and security best practices.
- Worked on installing Kubernetes with Automation using Kubespray
- Worked on Kubernetes installation and application deployment in a container using full automated CI/CD pipeline
- Automated the ASK deployment using terraform
- Having experience in Writing the modules in the terraform

PROFESSIONAL EXPERIANCE

PROJECT #3
Client: Standard Charted Bank

Duration: Aug 2022 – June 2023

Role: Analyst Development (DevOps)

Environment: Linux, Shell script, Git, Bitbucket, Jenkins, Ansible.

Job Roles & Responsibilities:
- Used Atlassian tools JIRA for defect management, team collaboration, source code management and continuous integration and deployment practices.

- Creating and implementing branching and merging strategy with multiple branches and used Git and Bitbucket as source code management repository to keep track of version changes.

- Developing Shell scripts to Automate the Patching activities and to mitigate the vulnerabilities during the patching process.

- Using Webhooks configuration, the updated source code pushes to Bitbucket repository through automation with the help of Jenkins pipeline and generates the Pre and Post scripts.
- The Pre and Post scripts are used to stop and start the Application services in every server in the Application.
- The generated scripts are Deployed and Tested in Dev environment. As per the requirements of team, Once the scripts are tested successfully then we will proceed with Prod environment.
- Using LEAP Portal schedules, a maintenance Window in LEAP Portal. As per the schedule the JSON format is constructed.
- The JSON construction will then consume by the E2EP.
- E2EP follows the instruction as per the JSON construction and triggers the Pre/Post scripts whenever the patching is needed.

PROJECT #2:
Client: Ericson insurance TPA Pvt. Ltd

Duration: Jan 2022 – Aug 2022

Role: AWS DevOps Engineer

Environment: Amazon Web Services (AWS), Git, GitHub, Ant, Maven, Jenkins, Ansible, Docker, Kubernetes, Grafana, YAML, Linux, Unix, Centos.

Job Roles & Responsibilities:

- Extensive experience in strategy and practical implementation of AWS Cloud services which include EC2, EBS, S3, Glacier, Storage Gateway, VPC, Route 53, RDS, ELB, ECS, Cloud Front, Elastic Cache, Cloud Watch, CloudTrail, Lambda. And, also worked in migrating a production infrastructure into an Amazon Web Services utilizing AWS Cloud formation, Ansible, EBS and OpsWorks.

- Used Atlassian tools JIRA for defect management, team collaboration, source code management and continuous integration and deployment practices.

- Creating and implementing branching and merging strategy with multiple branches and used Git and Bitbucket as source code management repository to keep track of version changes

- Deployment of All Software to Production and UAT environments. Oversee the group responsible for deployment of software to QA/Dev environments, setting up Octopus Deploy, Establishing TeamCity, Setup servers in AWS.

- Worked with Ansible for Orchestration of Deployments for various servers and managed Ansible Playbooks with Ansible modules, implemented CD automation using Ansible, also involved in managing existing Tomcat Webserver and automated the configuration of new servers.

- Configured password less SSH connection between nodes to run the ansible playbooks. Managed the inventory file in Ansible.

- Established Kubernetes Best practices approaches to systems deployment with tools.

- Experienced using different log monitoring like Grafana, to see logs information. Monitor & get the health & security notifications from nodes. Created monitors, alarms & notifications for EC2 hosts using CloudWatch.

- Scheduled various regular and periodic tasks by using crontab.

- Experience with building and supporting API services.

- Involved in Manual, Blue Green Deployment and Capistrano Deployments. Updating the config file.

PROJECT #1:

Client: ROGERS
Role: DevOps Engineer
Duration: May 2019 – Dec 2021
Environment: Git, Bit Bucket, AWS (VPC, EC2, S3, RDS, Dynamo DB, IAM, EBS, Route53, SNS, SES, SQS, CloudWatch, CloudTrail, Security Group, Auto Scaling etc.), AWS, Grafana, Ansible.

Job Roles & Responsibilities:

- Provide 1st level technical support for basic operations using documented procedures available tools

- Administered Git version control system: Created users, repositories, branching, tagging, patch fixes, pull request, and trained users on the Git version control system.

- Assist team members in build deployment – receiving and running builds and troubleshooting issues to improve efficiency.

- Leads the efforts to improve the existing Build and Release process.
- Monitored the automated build and continuous integration process to ensure correct build execution, and facilitate resolution of build/ release failures.
- Maintained Jira for bug tracking and monitored consistently.
- Performed build and release of all software cycles engineering, test, production, update, patches and maintenance.
- Wrote scripts in Ant to automate build process and Shell scripts to automate product deployments and upgrades.
- Established, documented and enforced version control, build process guidelines and procedures. Performed demo's on product deployments, upgrades and trained new hires.

TECHNICAL SKILLS

Versioning Tools	: Git, Github, Bit bucket.
Build Tools	: Maven 3.x
Continuous Integration Tools	: Jenkins
Configuration Mgmt. Tool	: Ansible.
Scripting skills	: Shell and Python scripting
Operating systems	: Ubuntu, Centos, Redhat Linux.
Web / App Servers	: Apache 2.x, Tomcat 8.x, Wildfly.
Containerization Tools	: Docker, Kubernetes.
Monitoring Tool	: Grafana and Prometheus/ Cloudwatch
Cloud Platform	: AWS (Amazon Web Services).

EDUCATION

G PULLA REDDY COLLEGE, KURNOOL
Bachelor of Technology in Civil Engineering, April 2019
SRI CHAITANYA JUNIOR COLLEGE, VIJAYAWADA
INTERMEDIATE in MPC, April 2015
SRI CHAITANYA ENGLISH MEDIUM HIGH SCHOOL, ANANTAPUR
SSC from Board of Secondary Education

ADDITIONAL SKILLS

- Expert in Microsoft Office, with a focus on Excel
- Fluent in Telugu, English and Hindi