NANDYALA JAYA KRISHNA

Email   : krishnanandyala705@gmail.com   Mobile No: +91 9581623333

Career Objective

Seeking a challenging role to work in a professional environment that provides opportunity to learn key technologies, be an effective team player in developing, managing projects and to be an asset for the organization by delivering to the best of my capabilities.

Professional Summary

- Having around 2 years of experience in DevOps and AWS as DevOps Engineer
- Mainly focus on continuous integration and continuous deployment (CI &CD) of application using GIT, Maven, **Jenkins** and gitlab.
- Worked on Creating CI/CD on **GITLAB**
- Managing Repositories on **GITLAB**
- Having good experience on version control tools as **GIT**.
- Creating AMIs, Snapshots, and Volumes in **AWS**.
- Managed and supported AWS Security related issues, such **IAM & S3** policies for user access.
- Experienced in configuring continuous and daily builds, creating Deployments and publishing latest builds to development and QA teams.
- Should be conversant with various build process used for J2EE applications using one or more tools / automation framework like **Maven**, **Jenkins**.
- Building the **Terraform** stacks to automate infrastructure
- Configuration management using **Terraform**
- Sufficient knowledge in **AWS (Amazon Web Services)** services like Amazon EC2, AMI, S3, ELB, RDS, VPC, AmazonCloudwatch.
- Hands on experience on **Jenkins** for continuous integration and build system.
- Understanding of software development lifecycle and exposure to **AGILE** methodology.
- Coordinate with the Development/Test Teams to receive the correct versions of re-usable and dependent components for issuing/installing successful builds and making it ready for the Release on time.
- Build pipeline for **continuous integration** and **continuous deployment** by using **Jenkins**
- Good Experience in Linux, Shell Scripting.
- Installing and downloading **Docker** images, running commands in containers & creating custom images.
- Experience in **Kubernetes** to automating deployment, scaling and management of **Docker** containerized applications.
- Experience in Linux, Windows operating systems. Experience in Cloud to design Infrastructure as a Service (IaaS) Amazon Web Services - EC2, S3, VPC, Subnets, RDS, IAM and SNS.

- Support for all other AWS products such as S3, RDS and Route53 (DNS)
- Worked on setting up **Prometheus and grafana** on EKS Clusters
- Worked on **ELK** stack setup

Technical Skills

Version Control system	:	**GIT**
Build tools	:	**Maven**
CI Tool	:	**Jenkins,Gitlab**
Containerization Tool	:	**Docker**
Cloud Platform	:	**Amazon Web Services**
Scripting languages	:	**Shell scripting, Python**
Monitoring Tool	:	**Prometheus,Grafana,ELK**
Bug/ Project Tracking Tools	:	**Jira**
Operating system	**:**	**Windows, Red Hat, Linux**
Orchestration	:	**Kubernetes, Terraform**

Work Experience

Working as a DevOps Engineer in **SWAGG TECHNOLOGIES PVT LTD**

Bangalore from Dec 2021 to till date.

Educational Qualification

Completed B-Tech in July 2018 from Oct 2021

Project Summary

Project:01

Client   **: HSBC**

Role   **: AWS & DevOps Engineer**

Duration   **: DEC 2021 to till date**

Roles &Responsibilities:

- Create & maintain environment & tools to automate build/release activities.

- Performing both manual and automation builds using Maven and Jenkins.

- Automate jobs using CI/CD Pipeline.

- Notify Broken builds to appropriate Team / Team Members and enable for successful build.

- Configured and deployed applications in various work environments like Development, Test, and Production

- Good understanding of Amazon Web Services (AWS), Creating EC2 Instances, S3, Auto scaling, ELB and configuring all necessary services

- Responsible for Branching and merging the code as per the schedule.

- Interacted with supporting teams to understand client deployment requests.

- Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.

- Experience on writing groovy/shell scripts to automate the process to design CI and CD.

- Reported to a DevOps Manager, who will coordinate with teams outside of the development group.

- Created Docker Containers by using Docker Images.

- Hands-on in writing Docker files and Docker Configuration.

- Promoting code from one environment to another environment.

- Maintained the kubernetes clusters and deployed microservices to the clusters

- Worked on creating dashboards on Kibana

- Responsible for the building and deploying the artifacts into DEV, SIT and QA Environments.

- Management of Customer Requirements and documentation of the Project Plan as per the requirements.

- Responsible for designing and deploying best SCM processes and procedures.

- Updated Release reports from change management control.

- Maintained and Administered GITHUB Source Code Tool.

- Created Branches, Labels and performed Merges in Stash and GITHUB.

- Proposed and implemented branching strategy suitable for Agile development in Subversion.

- Installed and administered Artifactory repository to deploy the artifacts generated by Maven and to store the dependent jars, which are used during the build.

- Integrated GITHUB into Jenkins to automate the code check-out process.

- Used Jenkins for Automating Builds and Automating Deployments.

- Managed Build results in Jenkins and Deployed using workflows.

- Maintain and track inventory using Jenkins and set alerts when the servers are full and need attention.

- Used JIRA for change control & ticketing.

- Developed automation and deployment utilities using Ruby, Bash, PowerShell.

- Worked closely with software developers and DevOps to debug software and system problems.

- Formulated and executed designing standards for DNS servers.

Place: Bangalore

(N.Jaya Krishna)