**Bodanapu Sai Leela**

**DevOps Engineer**

**E-Mail:** [**bodanapusaileela1919@gmail.com**](mailto:bodanapusaileela1919@gmail.com) **| Phone: +91-9160009242**

**CAREER OBJECTIVE**

Seeking a Challenging Position in a cloud environment within a large exiting company where my extensive professional and practical experience will be fully utilized for infrastructure/DevOps Professional.

**PrOFILE SUMMARY**

* 3+ Years of professional Experience as a **DevOps Engineer** with technical expertise in Build and Release Management, Continuous integration and Deployment, Software configuration management.
* Hands on experience with version control tool like **GIT, GitHub**.
* Experience on, **GIT**- Created branches, tagging, Merging providing access permissions to the developers over branches.
* Good Experience in **GitHub** and Configure git with Jenkins and schedule jobs using **POLL SCM** option.
* Expertise in using Build tools like **Maven** for Building and Deployable artifacts such as War & Ear from source code.
* Creating new Build jobs, Plugin’s installation, Management, and setting up **Master/Slaves** using **Jenkins.**
* Good Experience in **Continuous integration** using the **Pipeline** View, Integrated Sonar to run as part of Jenkins Build job, Monitoring **Nightly Builds** and **Daily Builds** and Deploy with different Environment like **QA, UAT, DEV, PROD**.
* Experiences in using Nexus Repository manager for Maven Builds.
* Good Experience in **Dockerizing** the Applications, In **Dockerfile**, Creating **Docker images** and configuring the **Docker Containers.**
* Experience in creating **Docker-Swarm Cluster, Volumes** and **Networks**.
* Good Knowledge on writing Docker Compose files and Deploying Docker services in Docker-Swarm Cluster.
* Experience on creating **Kubernetes** manifest files like **Daemon Set** and **Replication controller**, **Replication Set** and Deployments.
* Strong Experience in Kubernetes cluster setup and Deploying Applications in **Kubernetes clusters**.
* Implement **CI/CD** using Jenkins, Docker & Kubernetes.
* Good experience in deploying the artifacts in **Tomcat**.
* Experience in writing **Ansible** playbooks and **Ansible roles** for Configure management, Shareability and Reusability in Ansible.
* Hands on Experience in AWS Cloud such as creating **EC2, S3, ELB, EBS, EFS, IAM, Auto Scaling** and **Security Groups.**
* Deployed resources in AWS using Terraform complex modules
* Ability to build deployment, build scripts and automated solutions using shell scripting and Python.
* Good knowledge on methodologies like **Agile** and **waterfall model** for project planning and execution.

**experience SUMMARY**

|  |  |  |
| --- | --- | --- |
| **Designation** | **Organization** | **Duration** |
| DevOps Engineer | Global Logic Technologies Private Limited  (Mar- 2022present) | 2 Years |
| AWS Cloud Engineer | Wipro (June 2019----Dec 2020) | 1+ Years |

**TECHNICAL Skills**

|  |  |
| --- | --- |
| **Category** | **Skills** |
| **Version Control System tools** | GIT, GitHub |
| **Operating Systems** | Linux (Redhat, Ubuntu) |
| **Configuration Management** | Ansible |
| **Scripting** | Shell Scripting |
| **Build Tools** | Maven |
| **Container Orchestration Tools** | Kubernetes |
| **Cloud Services** | AWS |
| **Application Server** | Apache |
| **Continuous Integration Tools** | Jenkins |
| **Containerization tool** | Docker |
| **IaC** | Terraform |
| **Bug Tracking Tool** | JIRA |
| **Code Quality Analysis Tool** | SonarQube |

**projects SUMMARy**

**Project 1: T-Mobile**

**Roles and Responsibilities:**

* Creating GitHub repositories and specified branching strategies that best fitted the needs for the clients.
* Configured GitHub with Jenkins and Schedule jobs using POLL SCM, GitHub Webhooks and Build Periodically option.
* Created CI/CD pipelines using **Jenkins**
* Analysis of source code using **SonarQube**
* Define dependencies and plug-ins in maven pom.xml for various activities and integrated maven with GitHub to manage and Deploy project related tags.
* Uploading Artifacts and Docker images to **Nexus** Remote Repository.
* Work cross-functionally across infrastructure, Development and QA teams to Build processes around change control and release management to help deliver products to market in a rapid, repeatable, and consistent manner.
* Used AWS Services like **S3, EC2, EFS, VPC, ELB, IAM** and Auto-scaling.
* Creating/managing **AMI**/snapshots/volumes, and upgrade/downgrade AWS resources [CPU, Memory, EBS]
* Scale up the pod’s and scale down the pod’s using HPA.
* Creating name spaces in Kubernetes Cluster.
* Creating Kubernetes cluster and adding worker Node to master Node.
* Building and understanding of all aspects of the cloud platform including network ingress, monitoring, alerting, RBAC, and Multi-Region deployment.
* Installing Grafana on Kubernetes to monitor the Kubernetes cluster nodes.
* Configuring multiple servers using Ansible.
* Configuration of Route 53 for high availability cloud DNS.
* Created infrastructure using Terraform

**Project 2: Trigyn**

**Project Name: Data Ingestion Attribution (ETL)**

**Roles & Responsibilities:**

* Planning release building, and scheduling activities by implementing the Configuration Management
* Having complete hands-on experience in launching EC2s and configuring autoscaling with web servers to provide high availability to data.
* Install and setup Jenkins, created different type of Jobs.
* Using GIT for sourcing control and Application Life Cycle Management activities
* Administering GIT version control system including creation of accounts, branching, merging, conducting patch fixes, snapshots and conducting training of users over version control system
* Generating Pipeline for Automatic Application Build using Ansible; handled pre-production and production releases.
* Operating MAVEN for the automating the build and deployment Process.
* Managing branch level and repository level access privileges to developers
* Liaising with development teams for Pre-Build activities & Post Build activities
* Automating Patch deployment Full builds deployment and Environment creation by writing playbooks on Ansible.
* Troubleshooting issues related to building, deploying and in production support; troubleshoot CI/CD pipelines issues.
* Deploy, configure, and manage test runtime environments.
* Implementing Ansible for the infrastructure management, environment configuration & application deployments.
* Applying Git, Jenkins, Maven, Ansible, for building ci/cd workflows with various tools which are part of ci/cd pipeline tools.
* Building deployable artifacts from source code by applying Maven as a build tool; automated build process by writing MAVEN scripts and shell scripts.
* Working on containers & Docker containers linking, Docker Images and Files; managing ports and public repositories and private registries in Docker.
* Executing developer workspace by setting up multiple tomcat servers and project configuration enablement.
* Written shell scripts for automating logs backup and archiving.
* Provide responsive off-hours support in a 24/7 environment and ensure maximum availability of all servers and applications**.**

**EDUCATION**

* BTech from Narasaraopet Engineering College, Narasaraopet

**DeclaratioN**

I declare that the information furnished above is true to the best of my knowledge and I assure you of my sincerity in executing the duties related to the job, should I be given a chance to serve.

**Place: Hyderabad**

**Date: 03/04/2024 (Bodanapu Sai Leela)**