Mupparaju.Srinadh

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***Mobile:*** 91-7075092961

* Skilled IT professional with 4.9 years of IT experience, looking for a position in areas of Software Configuration Management, Version Control, Build and Release management, Change management, Cloud Integration.
* Experience in Linux System Administration, Build Engineering & Release Management process, including end-to-end code configuration, building binaries & deployments and entire life cycle model in Enterprise Applications.
* Experience with Jenkins as Continuous Integration / Continuous Deployment Tool and strong expertise with Maven Build Frameworks.
* Involved in ARTIFACTORY Repository Managers for MAVEN.
* Hands on experience in AWS provisioning and good knowledge of AWS services like EC2, S3, Glacier, ELB, RDS, Redshift, IAM, Route53, VPC, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups.
* Skilled in monitoring servers using Graphana, Cloud watch.
* Monitor, build and deploy software releases and provide support for production deployments.
* Configured JENKINS Monitor, List and Build views to displays the status and progress of selected jobs with build version information.
* Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
* Experience with Configuration Management automation tool Ansible and has worked on integrating Ansible YAML Scripts.
* Configured and Deployed application packages on to the Apache Tomcat server. Coordinated with software development teams and QA teams.
* Experience of working with the release and deployment of large-scale Java/J2EE Web applications.
* Ability in development and execution of Shell Scripts.
* Worked with different Bug tracking tools like JIRA.
* Used Kubernetes to deploy scale, load balance, scale and manage docker containers with multiple names spaced versions.
* Experience with Terraform to establish AWS infrastructure like S3 buckets, EC2, VPC, IAM, Security groups.
* Ability to quickly understand, learn and implement the new system design, data models in a professional work environment.

**Employment Summary:**

Worked as DevOps Engineer in Synechron Technologies Pvt.Lmt since Sep-2016 to till date

**Technical Skills:**

Operating Systems : Unix, LINUX and Windows

Version Control Tools : GIT

Build Tools : Maven

CI/CD Tools : Jenkins

Configuration Management Tools : Ansible

Infrastructure management tools : Terraform

Containerization Tools : Docker, DockerSwarm, Kubernetes

Programming/Scripting : Shell

Repository Managers : Nexus and Artifactory

Logging & Monitoring Tools : Elasticsearch, Grafana and Cloud watch Cloud Technologies : AWS

**Work Experience:**

**Project#2**

|  |  |  |
| --- | --- | --- |
| **Name** | **:** | Hopscotch |
| **Role** | **:** | DevOps Engineer |
| **Duration** | **:** | Feb 2019 to Till date |
| **Tools** | **:** | AWS, Shell Scripts, Terraform, Git, Maven, Jenkins, Docker, Kubernetes, Helm |

**Description:**

Hopscotch, headquartered in Mumbai, India, is a curated store featuring a variety of international and local branded merchandise for kids, mom and home. It is of the largest baby ecommerce sites in the U.S

**Roles and Responsibilities:**

* Helped individual teams to set up their repositories in git hub and maintain their code and help them setting up jobs which can make use of CI/CD environment.
* Used Maven as build tool for java based projects.
* Have experience of working with Docker- docker hub, pulling images from docker hub, running containers based on an images.
* Managed Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications managed Kubernetes manifest files and managed releases of Helm packages.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Worked on Designing and Deploying AWS Solutions using EC2, S3, and EBS, Elastic Load balancer (ELB), auto-scaling groups and Ops Works.
* Configured & deployed Java applications on Amazon Web Services (AWS) for a multitude of applications utilizing the AWS stack, cloud formation.
* Worked with IAM to manage the users and groups using IAM by assigning individual policies and roles.
* Managed AWS infrastructure using Terraform.
* Created network architecture on AWS VPC, subnets, Internet Gateway, Route Table and NAT Setup

**Project#1**

|  |  |  |
| --- | --- | --- |
| **Name** | **:** | FrontDeskAssistance |
| **Role** | **:** | DevOps Engineer |
| **Duration** | **:** | Sep 2016 to Jan 2019 |
| **Tools** | **:** | AWS, Git, Maven, Jenkins, Graphana, Docker and Kubernetes |

**Description:**

The FrontDeskAssitance is a visitor check-in and checkout solution that can deployed as a Web Application or on any Cloud providers (AWS). FDA solution has Both WebUI and Android Tablet for adding users. Web UI to manage User, Device and Settings of NeoServer and to generate and view reports. Common server to add and manage user access to all Applications registered with the server from different devices. It will be restful APIs call. JSON format will be used for communication between app and server.

**Roles and Responsibilities:**

* Coordinated and assisted developers with establishing and applying appropriate branching, labeling/naming conventions using Git source control.
* Create and Configure AWS VPC with public and private subnets, configured Routing tables, Internet gateway, ACL's, Security groups.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Maintain track of different releases that are being carried over in different environments.
* Worked on CI/CD tools Jenkins and GIT version control system for continuous smooth code release process.
* Developed build & deployment scripts using MAVEN. Automated the process using plugins available Jenkins and move from one environment to other throughout the build pipeline.
* Date wise Daily keeping track all the Scripts.
* Integrated Jenkins with GitHub private repositories, build Automation tools (Maven and Ant), and Artifact repository for pushing successful build code.
* Have built Docker images and written Docker files which can be used to automate all developer tasks.
* Worked on designing and deploying a multitude application utilizing almost all of the main services of the AWS stack (like EC2, S3, RDS, VPC, IAM, ELB, Cloud watch, Route 53, Lambda and Cloud Formation) focused on high availability, fault tolerance environment.
* Created and maintained Jenkins jobs that execute Shell scripts for automation.
* Creating Lambda function to automate snapshot back up on AWS and set up the scheduled backup.
* Performing deployments to multiple environments like Dev, QA, UAT & Production Environments.
* Utilized **Kubernetes** for the runtime environment of the CI/CD system to build, test deploys.

**Educational Qualifications:**

Graduated in Bachelor of technology from Acharya Nagarjuna University, Gunturu in 2013

**Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge.

**Place: Bangalore**.

**Date: (Mupparaju.Srinadh)**