**Sirigineedi Rajanna**

**DevOps & Cloud Engineer**

Mobile: 7816084195

E-Mail: devopsrajas@**gmail.com**

**CAREER OBJECTIVE**

To work in a creative and challenging environment where I could constantly learn and successfully deliver solutions to problems and contribute effectively for the growth of the Organization.

**PROFESSIONAL SUMMARY**

Having total 5 + years of experience in areas of Build/Release/Environment Management, releases for multiple Applications running on both Linux & Windows based distributed Infrastructure, Software Configuration and **DevOps** Methodologies with setting up and maintaining **CI** & **CD** pipelines.

* Experienced in working as **DevOps Engineer/AWS Engineer** operations process and tools area (Continuous Integration, Configurations)
* Experience in working with Scrum Framework of Agile Project Life Cycle Model
* Configuring, automating and maintaining build and deployment CI/CD tools **Git**, **Jenkins, Docker,** and **JIRA** for Multi-Environment with high degrees of standardization for both infrastructure and application stack automation in **AWS cloud platform.**
* Hands on experience with SCM tools like **GIT** for branching, tagging and version management
* Having Good Exposure on **CI (Continuous Integration**) and **CD (Continuous Deployment**) methodologies with **Jenkins.**
* Experienced in implementing tools like **Docker**
* Experienced in build tools such as **Maven** to generate project Artifacts and troubleshoot Build issues.
* Build Management – Experience in tools such as **Jenkins, Maven, Nexus** for build management
* Experience with DevOps configuration management tools like **Ansible**.
* Experience on Build and Deployment process for **Apache Tomcat** Application Server
* Ability in development and execution **SHELL scripts.**
* **AWS Cloud platform** and its features which includes **IAM**,**EC2,VPC,Route53,ELB,Cloudwatch,S3**.
* Working experience in taking snapshots of the **EBS** Volumes for backup
* Knowledge in creation of Reusable templates using **CloudFormation.**
* Hands on experience in usage of **ECS** for Container Management.
* Working Knowledge of setting up **CDN** using **CloudFront** and S3.
* Watch In-depth understanding of the principles and best practices of Software Configuration Management (SCM) processes which include compiling, packaging, deploying and Application configurations.
* Hands on experience in **Terraform** for creating **IAAC** (infrastructure as a code) for **Amazon Web Services.**
* Hands on experience in setting up the Kubernetes for the **Docker** to handle cluster-based containers.
* Implemented Testing environments for Kubernetes and administrated the **Kubernetes Clusters**.
* Deployed and orchestrated the applications with **Kubernetes**.
* Maintaining and **Monitoring** the Application/Servers using **Nagios**
* Having experience in creating custom **Docker Images** using **Dockerfile**
* Involved in Package applications with **Helm** and writing **Helm charts** for applications
* Hands on experience in setting up **Auto Scaling** Groups for **EC2**
* Good Experience with automation tools like **Jenkins** to implement the End-to-End Automation.
* Experience is using **Tomcat** servers for deployment
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
* Good experience in analyzing and implementing several DevOps tools.
* Strong analytical skills, able to work with technicians from various engineering disciplines to troubleshoot complex system-level issues.
* Experience configuring, -monitoring, upgrading and maintaining systems hardware, software and related infrastructure.

**TECHNICAL SKILLS & AREAS OF INTEREST**

Has handled Implementation, Administration, Troubleshooting, and technical support of the following:

|  |  |
| --- | --- |
| **Operating System** | **Windows, LINUX** |
| **Cloud** | **AWS,Azure** |
| **Versioning Tools** | **GIT,TFS** |
| **CI Tools** | **Jenkins,Azuredevops** |
| **Containerization** | **Docker, Kubernetes** |
| **Bug Tracking Tools** | **JIRA,azure dashboards** |
| **Monitoring Tool** | **Nagios, Grafana & Prometheus** |
| **Log Monitoring Tools** | **Elastic Search, Kibana** |
| **Virtualization** | **VirtualBox** |
| **Scripting/Languages** | **Shell, bash** |
| **Web/App servers** | **Apache Tomcat, HTTP Server** |
| **Build Management Tools** | **Maven** |
| **Configuration Management Tools** | **Ansible, Terraform** |

**EDUCATION**

* MCA from Holymother PG College, Balapur, Hyderabad in 2010 with 73%.

**PROFESSIONAL EXPERIENCE**

* Working as a DevOps & Cloud Engineer With Webmatics Solutions Pvt Ltd. From Dec-2017 to Apr-2023.

**PROJECT#1**

**Client :** JFK Health System

**Role :** DevOps & AWS Engineer

**Duration :** Sept-2020 to Mar-23

**DESCRIPTION:**

Our team job is to build and release code for deployment on appropriate servers to Deployment team. Site will be developed in 4 stages- DEV stage, testing (QA) stage, UAT stage and production.

**ROLES & RESPONSIBILITIES**

* Responsible for day-to-day management of all Development, Test, Stage, and Production for various Java based enterprise applications.
* Created branches and managed the source code for various applications in GIT.
* Created CI/CD pipeline and worked in Jenkins build and release management.
* Setup various Jenkins jobs for build and test automation.
* Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Worked on setting up the life cycle policies to back the data from AWS S3 to AWS Glacier.
* Worked on deploying the code to application servers.
* Created AMI images of critical ec2 instances as backup.
* Worked as backup and recovery management of linux instances.
* Virtualized the servers on AWS using the Docker, create the Docker files and version control.
* Created Virtual Private Cloud, Internet gateway, subnet and route tables using Amazon VPC
* Create, manage, and delete users and groups as per the request using Amazon Identity and Access Management.
* Used confluence for documentation of critical infrastructure data.
* Installation of docker and creating containers using docker images.
* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Configured and managing ELBs and Auto Scaling.
* Configured and managing S3 storage.
* Created RDS database.
* Ability in development and execution of Shell Scripts.
* Monitoring incidents, alerts (Critical, Down, Up) and events on tool with respective to Server and services.
* Configuring Nagios tool, Nagios Agent configurations.
* Troubleshooting the Production Server.

**PROJECT#2**

**Client :** Pay Siff

**Role :** DevOps Engineer

**Duration :** Oct-2017 to May-2020

**ROLES & RESPONSIBILITIES**

* Participation in project meetings with other technical staff and business owners and subject matter experts.
* Implemented Continuous Integration using Jenkins and GIT.
* Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
* Creating new repositories and branches in existing repositories as per the requirement of the dev team.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Sonar Cube.
* Setup and build AWS infrastructure with various resources like VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Terraform
* Configuring and Networking of Virtual Private Cloud (VPC)
* Written playbooks for installing packages
* Maintaining Regular Backups of the Logs.
* Responsible for maintaining Multiple DevOps tools configuring across all projects
* GIT, Jenkins, MAVEN
* Support the build and deployment infrastructure used by our development teams
* Respond to high severity production issues escalated by our operations teams.
* Support developers by deploying application into Develop, test and production servers.
* Automated various tasks using Shell scripts.

**DECLARATION**

I do hereby declare that the particulars stated above are correct to the best of my knowledge and belief.

**(SIRIGINEEDI RAJANNA)**