**PRIYA.SAGGURTHI**

**(DevOps Engineer)**

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**CARREER OBJECTIVE:**

To work with Progressive and Professional organization, have challenging and responsible opportunities, which will help to improve my knowledge and utilize my strengths and skills.

**PROFILE SUMMARY:**

* **DevOps Engineer** with **3** years of experience. Capable of demonstrating detailed understanding of **Software Configuration Management, Deployments** and cutting edge technologies for automation and **Cloud Services**.
* Responsibilities included continuous Build, Test, Deploy and Release management for application, working to various environments.
* Proficiency with Configuration Management & Build management tools such a**s Ansible, AWS, Maven, GIT, Jenkins, Shell Script, and Docker.**
* Proficient in designing and implementing automated **CI & CD** pipeline using **Jenkins** tools.
* Performed continuous **Build** and **Deployments** to multiple environments like **Dev, QA and UAT.**
* Expertise with Configure Management Tool **Ansible** and writing playbooks, roles for scalability and Reusability.
* Having experience in writing **Ansible Playbooks** to automate the deployment process and to integrating Ansible Playbooks into Jenkins jobs for a continuous delivery framework.
* Working on **Ansible Playbook** and **Roles** to standardize system setup and application deployment, enforced application configuration and security settings, user management.
* Expertise in **provisioning, orchestration**, packages, services, configuration and deployment using Ansible.
* Worked extensively in performing Deploy and monitor scalable infrastructure on Amazon web services (**AWS)** & configuration management using **Ansible.**
* Configured **packages**, **services** using **Ansible modules** like yum, service, templates, handlers etc. on AWS cloud and virtual environments.
* Experience in containerization Tool **Dockers.**
* Deployed infrastructure on **AWS** utilizing services such as **EC2, EBS, VPC** and managed **Network** and **Security**, **IAM**, **ELB** and **S3.**
* Proven knowledge with AWS services Creating, configuring and Managing **Auto Scaling, and Load Balancer and VPC** services across **AWS Cloud**.
* Created **S3** buckets and managing policies for **S3** buckets**.** Utilized **S3** for Storage and backup on AWS cloud**.**
* Experience on **containerization** tools like **Docker**.
* Experience with container based deployments using **Docker** and familiar with Docker images, Docker hub and Docker registries.
* Experience in setup, configuring and managing services **Apache, Tomcat, and Nginx** through using automation playbooks and configure these packages.
* Experience on Automate the Build and deploy of all internal **Java** applications to all environments by using **Ansible,** **Jenkins** and **Shell scripts.**
* Successfully integrated **Nexus Repository** with **Jenkins** for Artifacts storage and downloading Artifacts for deploying it to applications and for testing.
* Knowledge on **Shell Scripting** for automating tasks for regular usage and system operations on various environments.
* Ability to learn and master new technologies and also to deliver outputs in short deadlines.
* Expertise in scripting languages like **bash** for deployment of applications on servers or middleware tools.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Operating Systems** | Linux, UNIX & Windows |
| **Version Control Tools** | SVN,GIT,GITHUB |
| **Build Management Tools** | Maven, Ant |
| **Scripting Languages** | Shell Scripting |
| **Application Servers** | Apache Tomcat |
| **Continuous Integration Tools** | Jenkins |
| **Configuration Management Tools** | Chef, Ansible |
| **Virtualization Tools** | Docker |
| **Cloud Technologies** | AWS |

**EDUCATIONAL QUALIFICATION:**

**B. Tech in Electronics and Communication Engineering** from Lakireddy Balireddy College of engineering in 2017

**PROFESSIONAL EXPERIENCE:**

Working as a **DevOps Engineer in TCS** from March 2017 to till date.

**PROJECT 2:**

**Project : Charter Communications, Inc.**

**Role : DevOps Engineer**

**Duration : June 2018 – Till date**

**DESCRIPTION:**

**Charter Communications, Inc.** provides broadband communications services. Its services include Spectrum TV video entertainment programming, Spectrum Internet access, and Spectrum Voice. It offers business-to-business Internet access, data networking, business telephone, video and music entertainment services, and wireless backhaul. Its advertising sales and production services are sold under the Spectrum Reach brand. The company was founded on July 22, 1999 and is headquartered in Stamford, CT

**RESPONSIBILITIES:**

* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins along with pipeline as a code and Shell scripts** to automate routine jobs.
* Installed and configured **Jenkins, ANT, and Maven** for creating Continuous Integration environment to deploy applications on weekly basis.
* Integrated **GIT** into Jenkins to automate the code check-out process.
* Implementing a **Continuous Delivery** framework using **Jenkins, Maven** in Linux environment.
* Used Docker-compose file while deploying **Docker** container.
* Maintained and administered **GIT** source code tool.
* Integrated **GIT** into Jenkins to automate the code check-out process.
* Configured **Elastic Load Balancers** with **EC2 Auto scaling groups**.
* Installation/configuration of **Red Hat Enterprise Linux 6.x/7.x, CentOS** and applying packages and patches to the Red Hat Linux Servers.
* Worked on **Docker**container snapshots, attaching to a running container, removing images, running on multiple tomcat instances, managing directory structures and managing containers.
* Used **JIRA** to create complex JIRA workflows including project workflows, screen schemes, permission scheme and notification schemes in **JIRA.**
* Worked on **AWS services like EC2, S3 Bucket, Route53, ELB, EBS,** and also involved in migration of **VMWARE VMs to Cloud.**
* Compiling, debugging and placing builds into **Maven repository** for automated weekly releases with **ANT/Maven** scripting.
* Improving **programming performance** by working with the application development team and made any changes required.
* Responsible for Development, UIT, SYTEM, UAT, STAGING Builds and Releases.

**PROJECT 1:**

**Project : Maine Revenue Service’s, Augusta, ME**

**Role : Build & Release Engineer**

**Duration : May 2017 –March 2018**

**DESCRIPTION:**

Maine Revenue services provides information and services related to Maine state taxes and electronically files state tax returns, including sales tax and individual tax.

**RESPONSIBILITIES:**

* **Linux System & Middleware** Administrator responsible for the day to day administration and administration of RHEL 5, 6/ CentOS which includes installation, testing, tuning, upgrading and loading patches, troubleshooting server issues.
* Defined and Implemented **CM** and Release Management Processes, Policies and Procedures.
* Deploy and monitor scalable infrastructure on cloud environment **Amazon web services** (AWS) and configuration management using **Chef** and **Ansible.**
* Configuration Management and source code repository management using tools like **GIT.**
* Expertise in various **branching methodologies**, merging and tagging to facilitate defect/change management in conjunction within projects across the organization.
* Ensured proper **version control, revision labels** and **baseline management** procedures as part of the **release** process.
* Worked closely with Project Managers to understand a **code/configuration release** scope and how to confirm a release was successful.
* **Build, manage** and **continuously** improved the build infrastructure for global software development
* Designed & wrote **Ansible** Playbooks to manage configurations and automate installation process.
* Configured and maintained Jenkins to implement the **CI process** and integrated the tool with **Ant** and **Maven** to schedule the builds.
* Coordinate/assist developers with establishing and applying appropriate branching, **Continuous Delivery** is being enabled through Deployment into several environments of Test, QA, Stress and Production using **Nexus** and **Jenkins**.
* Deployment applications (**JAR, WAR,** and **EAR**) and related troubleshooting in clustered environment using **Admin console.**