##### Audireddy Anil

**Summary**

* Having 4.5 **years** of professional experience in Information Technology industry in various roles with excellent experience in Software Integration, Configuration and Development for several market driven international organizations.
* Experienced in working as **DevOps Engineer**  operations process and tools area (**Continuous Integration, Configurations**)
* Configuring, automating and maintaining build and deployment CI/CD tools **Git, Jenkins, Docker** and **Multi-Environment** (Local/NON-PROD/PROD) with high degrees of standardization for both infrastructure and application stack automation in AWS cloud platform.
* Experienced in implementing tools like **Docker Swarm ,Docker, Kubernetes.**
* AWS Cloud platform and its features which includes EC2 Cloud 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 with SCM tools like Git for branching, tagging and version management
* Extensively worked with Version Control System **GIT.**
* Good Knowledge with automation tools like **Jenkins** to implement the End-to-End Automation.
* Experience is using **Tomcat**  Application 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.
* Provided 24/7 on call support for production.

**Technical Skills & Areas of interest:** Has handled Implementation, Administration, Troubleshooting, and Technical support of the following:

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| * **Operating System :** Unix, Linux, Windows XP/Windows 7 |
| * **Versioning Tools :** GIT,Github |
| * **CI Tools :** Jenkins |
| * **Build Tools :** Maven,Ngbuild |
| * **Monitoring Tool :** Cloudwatch,Nagios |
| * **Web Technologies :** HTML, Servlets |
| * **Web/App servers :**  Apache Tomcat |
| * **Containerization :** Docker, Kubernetes |
| **S Cloud :** AWS |

**Educational Profile:**

* **B. Tech** from **JNTU,** Anantapur from 2015.

**Professional Experience:**

* Working as a **DEVOPS ENGINEER** in **Tata Technologies.,** from April 2020 to till date.
* Worked as a **DEVOPS ENGINEER** in **Tech Mahindra.,** from Sep 2019 to 28-02-2020.
* Worked as a **DEVOPS ENGINEER** in **Websym Solutions pvt.ltd.,** from Aug 2018 to till July 2019.
* Worked as a **DEVOPS ENGINEER** in **IBM Global Services.,** from Dec 2015 to Aug 2018.

**Projects Handled:**

**Project** **#3:**

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| --- | --- |
| **Client** | CTB and NMT |
| **Environment** | Windows,Unix,Linux,AWS,,Maven,Git,Github,docker, Kubernetes,Ansible,terraform. |
| **Duration** | April 2020 to till date |
| **Role** | DevOps /Cloud engineer |

**Responsibilities:**

* Written and build various Dockerfiles and docker images
* Developed **Ansible**-**Playbooks** for Application Deployments, Re-deployment, Sanity Checks, and OS.
* Experience in **Jenkins** Master/Slave configuration with an end to end Jenkins Pipeline creation for **CI/CD**.
* Worked on Kubernetes POC. Setup a Kubernetes cluster using Kubespray.
* Configuring Nexus Artifactory Repository to store binary, war/jar files.
* **Monitoring** with various monitoring tools such as **Cloudwatch.**
* Managing different environments such as Development, Test, Stage, Pre-Prod, and Production.
* Experience in maintaining SFTP servers using GoAnyWhere.
* Experience in using Version Control tools like GIT, GitHub and Bitbucket. Manage to build source tree including branching, merging, resolving conflicts, administering sources code in allocating roles and permissions to users.
* Experience in using Nexus Artifactory Repository Managers for builds.

**Project** **#2:**

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| **Client** | BT(British Telecom) |
| **Environment** | Windows,Unix,Linux,AWS,Docker,Ansible,Maven,Git,Github. |
| **Duration** | Aug 2019 to till date |
| **Role** | DevOps /Cloud engineer |

**Responsibilities:**

* Set up and maintained multiple clusters of Kubernetes.
* Set up and maintained 8 WebLogic cluster production domains using Ansible.
* Set up and maintained 100+ Linux machines with 99.9% up-time.
* Successfully implemented Fusion Middleware backup disaster recovery strategy.
* Implemented CI/CD pipelines using Jenkins.
* Developed custom monitoring dashboards in Grafana.
* Set up and configured clustering for 30+ micro-services in the Kubernetes overlay network environment.
* Wrote Ansible scripts to automatically update system components, system configurations, saving 30% admin time.
* Wrote Ansible scripts to Install Kubernetes cluster and Nginx load balancer, saving 80% admin time for setting up a new environment.
* Set up and configured generic Docker image building process to use across all environments, saving 80% of build time.
* Set up and maintained Docker private registry.
* Set up and maintained Jenkins auto-deployment for 50+ projects, saving 70% manually deployment time.
* Set up and configured 30+ promotional build Jenkins pipelines.
* Set up and maintained 2 Jenkins master-slave clusters to provide continuous integration.
* Wrote Python automation to monitor WebLogic JMS topics for lag and alert the respective team based on conditions, savings 80% of manually monitoring time.
* Wrote Bash scripts to take Fusion Middleware Servers backups periodically to AWS S3.
* Wrote Bash Scripts to monitor the Stucked files SFTP source systems.
* Wrote Bash Script to clean MFT Servers transactional payloads and backup files saving 80% of activity time and 50% of AWS EFS cost.
* Configured Rewrite rules for websites on LoadBalancers.
* Configured Site24x7 application availability monitors and configured alerts.

**Project** **#1:**

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| **Client** | Scottish and Southern Energy(SSE) |
| **Environment** | Windows,Unix,Linux,AWS,Docker,Jira,Ansible,Maven,Git,Oracle11g. |
| **Duration** | Dec 2015 to Aug 2019 |
| **Role** | DevOps /Cloud engineer |

**Responsibilities:**

* Participation in project meetings with other technical staff and business owners and subject matter experts.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube
* Configuring the Day and Night Builds for the sprint teams in Jenkins
* Configuring CRON Jobs for executing daily activities such as Backup/Archive etc.
* Install, configure, monitor, and tune Tomcat through scripts and the administration console on Linux.
* worked on Creating, merging GIT branches and create builds.
* Build and deploy the java EE applications and web based applications to middleware Servers like Tomcat.
* Responsible for maintaining Multiple DevOps tools & configuring across all projects ,GIT, Jenkins.
* 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.
* Deploying applications to various Production Environments using deployment tools, Automated various tasks using Docker compose files.
* Support the engineering teams regarding CI/Build tools, Environments and Automation.
* Involved in Branching, Tagging and Merging of code delivery at required releases.
* Help Development teams automate the environment setup using tools like Docker.
* Setup and maintain cloud based infrastructure (AWS).
* Design AWS infrastructure based on the application requirements.
* Design and implemented Security using VPC, IAM, Security Groups and NACL .
* Build engineering automation and productivity tools to streamline deployment pipeline.
* Troubleshoot and resolve issues related to application deployment and operations.
* Working with cross functional, geographically distributed team to provide 24X7 .deployment support across multiple environments.