|  |  |
| --- | --- |
| **(DevOps Engineer)** |  |

**SUMMARY:**

* **DevOps** /**AWS** professional with 5.4 years of IT industry experience in **AWS**, **Build** and **release** life cycle management.
* Experienced in using the version controls like **GIT**, **Bit Bucket**, **SVN** effectively.
* Deployed Java applications/Web-services using **CI**/**CD** tools like **Jenkins**, **Ansible** in standalone and clustered environments.
* DevOps experience with **Ansible**, **AWS** (OPS Work).
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Building/Maintaining Docker container clusters managed by **Kubernetes** Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform). Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Involved in development of test environment on Docker containers and configuring the Docker containers using **Kubernetes**.
* Experienced in authoring pom.xml performing releases with the **Maven** release plugin, Mavenizations of projects and managing Maven repositories.
* Experienced in automating deployment pipelines using Version Control Tools **SVN**, **Git**, **Bit Bucket.**
* Experienced in implementing Hygeia DevOps dashboard and integrate DevOps tools (**Builds**, **Code repo**, **Feature**) to dashboard.
* Good Exposure on Virtualization and Containers (**Docker**).
* Installing and Administration of all the **Linux**/**Unix** based web and application servers like **Apache**, **Tomcat** in the network per specifications of clients.
* Experience in writing **Shell Scripts** to automate the deployments.
* Created Cloud Formation template stacks to automate for building new **VPCs** and **Deploy** **AWS** resources.
* Configured and monitored distributed and multi-platform servers using **ansible**.
* Experienced working in both **Waterfall** and **Agile** based development environment participating inSCRUM sessions.
* Strong ability to troubleshoot any issues generated while **building**, **deploying** and in production support.
* Closely worked with **Developers** and **Analysts** to address project requirements. Able to effectively manage time and prioritize multiple projects.
* Good at communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Version Control** |  SVN, GIT ,Bitbucket |
| **BuildTools** |  Maven, Ant.  |
| **CI/CD Tool** |  Jenkins,Bamboo |
| **Code Testing Tools** |  Sonarqube |
| **Web/App Servers** |  Apache Tomcat,Wildfly( JBoss) |
| **Artifactory Tools** |  Nexus,Jfrog |
| **Configuration Management** |  Ansible, Vagrant, Maven, Docker,Kubernetes |
| **Scripting** |  Shell |
| **Cloud Servers** |  AWS, (EC2, Subnets, Gateways , S3, IAM, Security groups)  |
| **Methodologies** |  Agile, Waterfall |
| **Virtualization** |  VMware and Virtual Box  |
| **Operating Systems** |  Linux (Red Hat 4/5/6), UNIX, Ubuntu, Fedora, CentOS, Windows NT/2000/2003, 7,8,10 and iOS. |

**EDUCATION:**

B.Tech From JNTU Anantapur.

**PROFESSIONAL EXPERIENCE:**

**QuEST Global From : 15th May 2019 to Present**

**Client : APPLE**

**Devops Engineer**

**Responsibilities:**

* Responsible for Deployment Automation using multiple tools Ansible , Jenkins, GIT, Maven Scripts.
* Managed multiple playbooks in Ansible. Implemented environments, roles, databags, and templates in Ansible for better environment management.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Created various Maven scripts to create multiple deployment profiles and deploy the applications to Apache Tomcat.
* Managed the source control using version controlling tools like SVN and GIT , Bitbucket.
* Configured Jenkins to implement nightly builds on daily basis and generated change log that includes changes happened from last 24 hours.
* Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.
* Created branches and managed the source code for various applications in SVN and GIT.
* Created various scripts in Shell for automation of various build processes.
* Managed the Maven Repository using Nexus tool and used the same to share the snapshots and releases of internal projects.
* Writing Maven and Ant build tools for application layer modules.
* Used ANT and MAVEN as a build tools on java projects for the development of build artefacts on the source code.
* Integrated GIT into Jenkins to automate the code check-out process.
* Experience building large infrastructure for disaster recovery and multi data center strategy.
* Perform daily code build and monitor CI builds, troubleshooting and optimizing the build process.
* Experience deploying and maintaining multi-container applications through Docker.
* Virtualized the servers using the Docker for the test environments and dev-environments needs. And, configuration automation using Docker containers.
* Worked in DevOps group running Jenkins in a Docker container with EC2 slaves in Amazon AWS cloud configuration.
* To achieve Continuous Delivery goal on high scalable environment used Docker tool, work with different team members for automation of Release components.
* Resolving merging issues during build and release by conducting meetings with developers and managers.
* Worked on migration from Manual deployments to fully automated deployments by using Jenkins for automation.
* JIRA tickets were used for assigning the tasks on priority basis to the individuals and the work flow was updated in the tickets including the work log.
* Responsible for working and sorting out the issues faced by the various Dev, QA and Performance environment teams.
* Installed the application on AWS EC2 AMI, Redhat, Ubuntu Instances
* Experience working with IAM to create new accounts, roles, and groups.
* Use Ansible Automation tools for configuration management in different systems.
* Reduced build + deployment times by designing and implementing Docker workflow.
* Set up system for dynamically adding and removing web services from a server using Docker.
* Configured Docker container for branching purposes.
* Managed and configured VMware virtual machine for RHEL, Ubuntu Linux serv
* Monitoring Live Traffic, logs, Memory utilization, Disk utilization and various other factors, which are important for deployment.
* Experience with shell scripts for automating tasks.
* Created the Release process of the artifacts.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Installed, configured and maintained web servers like HTTP Web Server, Apache Web Server, Apache Tomcat, JBoss.

**Environment:**  Git, Maven ,Ant, Jenkins, Tomcat, JBoss, Nexus, Jfrog, JIRA, Ansible, Docker, AWS, EC2, VPC, Subnets, Putty, Linux, MAC.

 **IRON MOUNTAIN From: 24th Nov 2014 to 10th May 2019**

**Build and Release Engineer**

**Responsibilities:**

* Developed and implemented Software Release Management strategies for various applications according to the Agile process.
* Manage versioncontrol tools SVN and Git to version code changes to help developers/programmers branch/merge/revert code.
* Wrote build scripts & made recommendations to enhance customization in build scripts written in Ant & Maven.
* Used Java programming, related code files, config files & package mechanisms (JAR, WAR & EAR packages) & provided optimal mechanism to build application packages.
* Implementing a Continuous Delivery framework using Jenkins, Ansible, Maven & Tomcat in Linux environment.
* Created utilities to monitor continuous integration process (job failure rate, disk usage), coded changes in SVN & job failures in Jenkins.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Setup code improvement utilities like Sonar to help developers do peer code reviews & identified issues in code early in the cycle using code analysis.
* JIRA is used as ticket tracking, change management and Agile tool.
* Setup package repository with Nexus & implemented Maven workflow to use &publish JAR files & packages to this central repository.
* Wrote scripts in Shell scripting to customize build, promotion &releaseprocess
* Developed and documented a branching strategy to be used.
* Setup code tool GIT and integrated with CI system to help developers do peer code reviews & identified issues in code early in the cycle using code analysis.
* Installing and configuring Tomcat and JBOSS.
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Developed and implemented Software Release Management strategies for various applications according to the Agile process.
* Setting up Standard Process for Build & Deployment Practices as required for Projects including setting up CI builds.
* Creating a fully Automated Build and Deployment Platform and coordinating code builds promotions and orchestrated deployments using Jenkins & Build Forge.
* Debugged Build failures and worked with developers and QA people to resolve the related issues.
* Implemented Maven builds to automate JAR and WAR.
* Involved in identifying build errors in the system and identify the build issue and escalate it to the concerned team after careful analysis. Work and coordinate with them to get the fix in the release.
* Active participant in software configuration and change management processes to improve build accuracy, time, version controlling, and migration of code onto different build environments.
* Maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files including POM.xml.
* Documented the build and Deployment Process which could be used by the team if found any issues at the time of build and deployment of different applications to different environments.
* Used Shell to automate build and deployment Process.
* Performed various troubleshooting and maintenance operations in Windows Server environments.
* Installed and Configured MS Build server, created different Build Controllers and Builds Agents.
* Installation, Configuration and Maintenance of Tomcat on Linux platform.
* Deployed Red Hat Server with custom repositories to provide a stable management solution for Linux environment.
* Responsible for build and Install Schedules using Unix Cron jobs.
* Maintained configuration files for each application for build and install on different environments.
* Created the build instructions docs and install (deploy) instructions docs for each application for different environments.
* Actively involved in every stage of project starting from planning stage to production drop.
* Performed deployment, ongoing maintenance & configuration of systems for maximum availability, security, performance, and documentation in a Linux based production environment.

**Environment:** GIT, Bitbucket, Maven, Sonarqube, Tomcat, Shell scripting, Jenkins,Ant,jira,nexus, linux.

 **Place:**Bangalore  **Name:**

 **Date**:16-06-2020. Sankar**.**