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**DevOps & Build and release Engineer**

**PROFILE SUMMARY:**

* 2.7 years of Experience in **Devops / Configuration Management / Cloud Operations and** support for Java / node applications.
* Hands on experience in using AWS Services VPC, EC2, S3, EBS, ECS,EKS.
* Creating and maintaining the **infrastructure as Code (Terraform Code) for various** cloud and application deployment.
* Creating and maintaining various CI-CD Jenkins pipelines.
* Experience in writing the Docker files for Java micro service applications.
* Worked on setup the to deploy micro services and automated the deployment process using Jenkins pipeline jobs.
* Experience on **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies with Jenkins
* Hands on experience with version control tool like **GITHUB, SVN, and Bit bucket**.
* Build Management – Experience in tools such as **Jenkins, Maven, Nexus** for build management Good working experience on Linux and Windows Operating Systems.
* Hands on experience with Configuration Management Tools such as Ansible
* Hands on experience with SCM tools like **GITHUB** for branching, tagging and Version Management
* Database Configuration experience on MySQL.
* Hands experience on Amazon EC2 cloud deployments using DevOps tools like Jenkins and (Ansible and Docker).
* Extensive Experience in Jerkin’s Master-Slave for multi machine builds.
* Written Ansible playbooks and roles for deployment automation, package installation and Configuration for Linux environments hosted on cloud.
* Installation and Configuration of **Jenkins** and Created the Continuous Integration / Continuous Deployment automation Pipelines.
* Environment setup for Java applications on **windows** and **Linux** servers by using **tomcat** and **Apache**.
* Build Management for Java application using Apache **Maven** and **ANT**. Managed the dependencies using artifact management tool **nexus**.
* Installed and Configured Static Code analysis using **sonar**. Configured the Quality Gates in Sonar and integrated with Jenkins.
* Administrative experience on **Linux servers** and scripting automation using **bash**.
* Managing the multiple **release deployments** to different environments **QA, UAT** and **PROD**.
* Used **JIRA** for workflow management and release approvals from the different stake holders.
* Worked with Project architects to define branching and merging strategies for multiple application releases for **SVN** and **GIT**.
* Supported different environments to resolve the environment specific issues and application specific issues and coordinated with application teams to resolve the issues.
* Experience Installing, configuring and upgrading Tomcat application server.
* Maintain security of networks, operating systems, and network devices
* Familiar with container orchestration and containerization Kubernetes,PODS,services
* Ability to learn and adopt new devops technologies and infuse tools into the current ecosystem

**EDUCATION:**

**B.SC (Bachelor of SCIENCE) from Jagarlamudi Kuppuswamy choudary collage ,Guntur in the year of 2019.**

**SKILL SUMMARY:**

* Operating systems Linux and Windows.
* Scripting Languages Shell Scripting (Bash).
* Configuration Management tool Ansible.
* Cloud AWS.
* Application Servers Web sphere, Tomcat
* Web Servers Apache and Nginx.
* CI Tools Jenkins.
* SCM Tools SVN, GIT
* Build Tools Maven, Ant
* Artifact Management Nexus
* Code Coverage Sonar
* Development Methodologies Agile
* Bug tracking tool JIRA
* Container technology Docker.
* Container orchestation tool Kubernetes

**EXPERIENCE SUMMARY:**

Working as a Devops Engineer at TCS(Tata consultancy Services), from April-2019 to Till Date.

**PROJECT SUMMARY:**

**CLIENT: Western Union Money Transfers.**

**PROJECT: Online money transfers around the world from India 24/7.**

**ROLE: DevOps Engineer.**

**DevOps Tools Used: GitHub, Maven, Jenkins, Ansible, AWS, tomcat, Centos, windows, Linux, Docker.**

**Contributions:**

* Working on CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Configured freestyle jobs and pipelines jobs in Jenkins. Also responsible for troubleshooting problems arising from Build failures and Test failures.
* Working as a DevOps engineer responsible for defining the workflow process for micro service based application Code movement from Dev to Prod.
* Designed and maintained code repository branches in GITHUB.
* Responsible for Code merging using GITHUB pull requests and Conflict resolutions.
* Involved in writing the docker files to build images and deployed the containers to the different environments.
* Monitoring and troubleshooting the containers specific issues across the environments.
* Using Ansible provisioned other AWS services for Environment setup and maintenance.
* Worked with different teams to setup the different environments Dev, SIT, UAT and PROD.
* Deployed the servers on AWS environment and managed the configurations using Ansible.
* Coordinated with dev teams and BA teams to perform the pull requests across different branches and builds schedule to the environments.
* DB deployments and support activities.
* Hands on in Linux and Windows environments support on day to activities.
* Deployment of the Business processes by creating JAR, WAR and EAR files to web sphere Application Server
* Experience Installing, configuring and upgrading Tomcat application server.
* Used Ant, Maven as a build tools on java projects for the development of build artifacts on the source code.
* Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
* Establishing standards for build artifact management and build configuration. Documentation of change management and best practices.

**PROJECT2:**

**CLIENT: Humana Inc**

**Domain: Humana Inc ([Health insurance](https://en.wikipedia.org/wiki/Health_insurance_in_the_United_States" \o "Health insurance in the United States))**

**ROLE: Build Engineer.**

**Environment: SVN, Ant, Jenkins, Tomcat, httpd, Linux and windows.**

**Contributions:**

* Responsible for versioning the source code, releasing binary files and tagging on source files and release files.
* Worked on subversion server to manage repositories, branching and merging.
* Helped the Dev teams on code merge conflicts and access issues.
* Worked with internal Wintel teams to build the new VMs to setup the environments.
* Administered **Jenkins continuous integration** server.
* Automated application packaging and deployments.
* Managed staging and testing environments.
* Established coding standards and enforced them through automated tools.
* Educated team about continuous integration and automated testing practices and supported them throughout application release.
* Connected continuous integration system with different tools as part of CI process and CD Process.
* Created multiple **ANT and Shell** scripts for build automation and deployment for different applications.
* Defined branching and merging strategies agile sprint releases.
* Documenting all the useful info about the release, software versions, changes implemented in current release, Defects fixed, Labels applied.
* Deployed Java/J2EE applications on to **Apache Tomcat** application servers and configured **it** to host the wiki website.