**Kurakula Chamandeswari DEVOPS ENGINEER**

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**CAREER OBJECTIVE:**

4+ years of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS and Linux. Having experience in DevOps/AWS Software Configuration Management which includes Build Automation, Continuous Integration, Continuous Deployment, and Continuous monitoring using Automation Tools. Well versed in software production, development life-cycle and release of software products.

**PROFESSIONAL SUMMARY:**

* IT Professional with 4 years of Experience.
* Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service (AWS), Chef, Jenkins, Git, Maven, Graphite, Grafana, Signal FX etc.
* Proficient in technical stack like Python, Jenkins & Shell Scripting.
* Engaged in Jenkins builds, batch/shell scripting & set up build jobs and build pipelines for enabling the CI/CD using python scripting.
* Strong knowledge in writing, deploying Automation in Jenkins.
* Administering Jenkins and secured Jenkins with role-based access controls.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: Git, Chef, Maven, Jenkins, Apache Tomcat.]
* Good working knowledge in CI & CD and building a pipeline using Jenkins.
* Have hands-on knowledge with Ansible and writing Playbooks.
* Implementing cron jobs to rotate logs
* Trained development teams on GIT usage and best practices.
* Experience in configuring and updating the servers using configuration management tools like Chef, and Experience in Containerization tool like Docker.
* Have working knowledge on Design and Implementation of AWS VPC.
* Good understanding in AWS ECS (EC2 Container Service) for cluster management.
* Good knowledge in AWS Route53 and DNS service.
* Good knowledge in AWS Auto-scaling and AWS load balancing concepts.
* Have working knowledge in maintaining AWS services from CLI.
* Have knowledge in setup and configuring Monitoring tool.
* Have working knowledge on Kubernetes and also configure the Kubernetes cluster.
* Excellent at defining Chef Server and workstation to manage and configure nodes.
* Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management GIT.
* Handling Remote Desktop Connectivity Issues.
* Excellent analytical, coordination, and communication skills. Experience

**EDUCATION:**

* PYDAH college of Engineering & Technology-Visakhapatnam, AP | Master of Computer Applications, JNTU Kakinada,05/2013
* Sree sai degree College – Tenali, AP |B Sc(MSCs), Acharya Nagarjuna University, 03/2010
* KPRM Jr College – Eluru, AP | Intermediate (MPC), Board of Intermediate Education,03/2007
* SKDVS High School – Tenali, AP | Board of Secondary Education, S.S.C, 04/2005

**TECHNICAL SKILLS:**

Configuration Management Tools : Ansible

Version Control Tools : Git, GitHub

Continuous Integration Tools : Jenkins

Build Tools : Maven

Code Inspection : SonarQube

Cloud Services : AWS

Operating System : Linux, Ubuntu, Windows

Virtualization : Docker, ECS

Container Orchestration : Kubernetes

Web/Application Server : Apache Tomcat

Monitoring Tools : Cloud watch, Nagios

Subversion,Chef, Shell Scripting, Terraform,

Graphite, Grafana, SignalFX

**EXPERIENCE SUMMARY:**

* **Working as a DevOps Engineer in Vengai Software Solutions Pvt Ltd from Jan 2018 to till now**

**Project: 1**

**Project Name :** UHCS

**Role :** Build and Release Engineer

**Duration :** Nov-2016 to Jan-2019

**Description:**

UHCS is a global health and wellness health care company.UHC has been a leader in the individual health market for more than 60 years and offers a wide variety of health insurance plans. The National Accounts portion of business focuses on large employers with 3,000+ employees. UHC collaborate with large and sophisticated companies to help them deliver effective and efficient health care benefits programs to their employees or future retirees.

**Roles & Responsibilities:**

* Managing all phases of Build and Release activities, dependency management and deployment strategy.
* Creating tag, branch & setting up projects & build plans in CI tool (Jenkins).
* Troubleshooting of build errors in Jenkins for both the Software Configuration Mgmt. team and the development team.
* Assisting in CM plan preparation and maintenance.
* Builds and deploy of code to different environment.
* Maintenance of Shell scripts for safe builds and deploys.
* For on boarding existing application, performing knowledge transition from development team to SCM team on build and deployment process.
* For new applications, work with development to get the requirements of application build and deployment process.
* Implemented the Release practice and responsible for pushing builds into QA / UAT /Pre-Production/ Production stages.
* Installation of different version of developing software for development and QA team.
* Managing day to day Build & Release Activities and CM Support.

**Environment:** Git, Apache, Maven, Jenkins, JIRA, Linux, Shell Scripting, Tomcat.

**Project 2 :**

Projectname: **EBATES ONLINE SHOPPING PORTAL** (Dec2017 to till date)

Role **:** Devops Engineer

Environment : Jenkins, Git, Maven, Shell Scripting, Docker, AWS

**Roles And Responsibilities**

* Responsible for releasing multiple live apps in UAT and production environments on a weekly basis as per release schedule.
* Experience with architecting application on AWS using different resources like VPC,EC2, ECS, SQS, SNS, Cloud watch, S3.
* Checking bugs on the build/deploy platforms and worked closely with developers to understand their build requirements.
* Used Ansible tool for automation.
* Managed Git as source control systems.
* Involved in merging branches, updating deployed modules during release process.
* Build continuous integration environment (Jenkins).
* Manually deployed war, jar files to various environments as part of release process.
* Involved in setting up Docker Host, Docker Registry, Rhel/Centos Atomic Host, Docker images (Centos, RHEL and Ubuntu instances).
* Build Additional Docker slave nodes for Jenkins using custom build Docker images and instance.
* Participated in all product release and patches.
* Defined the build and automated testing infrastructure. Educated both development and QA teams with the tools and process.
* Clear understanding of deployment concepts of Tomcat/Apache application sometimes helped in smoke testing after performing releases in absence of developers used agile and scrum methodologies.
* Performed hotfixes when required and also in odd hours.