Chandra Vardhan Reddy V

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**Professional Summary:**

* Having total 3+ years of IT experience as a DevOps Engineer role in the field of Software Configuration Management & Build, Release and Deployment Management.
* Understanding the client environment, Administrating and creating solutions using

**AWS Services, CI/CD, GIT, Dockers.**

* Proficiency with Configuration Management tools & Build management tools such as

**Ansible, Maven, Git, Jenkins, Shell Scripting.**

**Technical Skills:**

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| --- | --- |
| **Scripting language** | Python, Shell Scripting. |
| **Cloud** | AWS |
| **Operating systems** | Linux |
| **Webserver&Appilication server** | Apache, Tomcat, Nginx |
| **VersionControl System** | Git-Hub |
| **Configuration management** | Ansible , chef |
| **Containerisation tool** | DOCKER,DOCKER HUB & Kubernetes |
| **Continuous integration** | JENKINS |
| **Build Tools** | MAVEN |
| **Monitoring Tools** | Nagios and cloud watch |
| **IAS tool** | Terraform and Cloud formation |

**Educational Qualification:**

* Bachelor of Engineering in 2017 .

**Employment History:**

|  |  |  |
| --- | --- | --- |
| * **Date** | * **Company Name** | * **Role** |
| July 2022 to Mar 2023  Jan 2022 to May 2022  May 2021 to Jan 2022  September 2019to May 2021 | Amazon Web Services    Air Asia, Bangalore  Amazon Development centre India, Bangalore  Optum Global Solutions,  Hyderabad | Cloud support Engineer 1    Software Engineer II    Support Engineer III  Devops Engineer |

**1)Company** : Amazon Web Services Role: Cloud support Engineer - I

**Roles and Responsibilities**: DEP - CONT

*  As AWS Cloud Support Engineer I am a combination of helping customers with their AWS
* applications, debugging reported problems, building and maintaining AWS test instances, and
* working with AWS Cloud Developers to better understand and support the product.
*  Having a solid understanding of AWS applications, cloud computing, networking, system
* administration, scripting, automated testing, security, system architecture, and network
* administration.
*  On a daily basis, assisting customers with AWS EKS, ECS, and ECR service issues and resolving
* them on time. As well as assisting them in developing a stable infrastructure for their products
*  Responsible for solving customer&#39;s cases through a variety of customer contact channels which
* include telephone, email, and web/live chat

**2)Company** : Air Asia Role: Software Engineer II

Roles & Responsibilities:

* Created branches and tags using GIT, Responsible for tagging and maintain code on version control GIT.
* Creating and handling Jenkins pipeline jobs.
* Creating jobs using Jenkins. Manage installations of node, deployment configuration, and administration, backup.
* Configure Jenkins Master-Slave Architecture using Jenkins Nodes.
* Responsible for implementation of Nightly Builds using Jenkins includes installation of Jenkins, Configuration of Jobs for automated Build, and deployments.
* Configuring pre and post-build actions in Jenkins as per project requirements and automate the building Process Using Jenkins jobs.
* Automated various infrastructure activities like **Continuous Deployment,** Application Server setup, Stack monitoring using **Ansible** playbooks and has Integrated **Ansible** with **Jenkins**.
* Experience in build Docker images using Docker files.
* Creating docker-compose files for setup of the required environment.
* Making builds and deployment automation enhancements, fixing bugs.
* Strong knowledge and experience in AWS services like **EC2, S3, IAM, and ELB.**
* Clustering and managing **kubernetes** deployments
* Providing the consistent environment using **Kubernetes** for deployments, scaling and managing of docker containers

**3)Company** : Amazon Job Role: Support Engineer III

**Project** : Amazon Retail

**Roles and Responsibilities**: DIO Team

* Worked as a support engineer to support Amazon retail across all regions.
* Experienced with internal tools like Apollo environment, vip management portal, carnaval, fleet management console,DJS, monitor portal etc.
* Experienced in using hosts management tool Apollo environment . creating and managing environments for all the regions.
* Created different types of MCM’s for updating the Apollo environments with new hosts and adding or removing vip related thigs.
* Experienced in configuring and modifying vip’sin vip management portal.
* Experienced in scaling or descaling the hosts using Json script.
* Support Datapath gateway team for PD21
* Have good knowledge on mapper commands and used to create environments, vips, Asg’s, etc.
* Have knowledge on hardware ordering
* Have knowledge on post MCM execution things like LPT changes, Wiki update, activating alarms for new hostclasses and vip’s .
* Expereinced in hardware migration.

**4)Company :**Optum Global Solutions **Job Role** : Devops Engineer

**Project Name:** Health Insurance

**Roles and Responsibilities:**

* Creating CI/CD pipelines by integrating Git, GitHub, Maven, Jenkins, Ansible, and AWS
* Configuring of VPC with networking of subnets containing servers.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* Used Gitfor source code version control and integrated with Jenkins for CI/CD pipeline, code quality tracking and user management with build tools Maven.
* Upgrading Jenkins and build triggers for jobs whenever the new commit occurs through webhook. Used Docker for packaging applications.
* Collaborated with Development and Support teams to setup a CD (Continuous Delivery) environment with the use of continuous build and delivery tools.
* Good experience in Docker like creating Docker images, containers, Docker files, tagging and pushing to Docker Hub.
* Setup ansible playbook to perform builds and deployment management
* Worked on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Building templates with AWS resources on CloudFormation console
* Creating snapshots and managing EBS volumes.
* Install, Configure, and Administer Jenkins Continuous Integration Tool.
* Provide stable build environments for product development.
* Hands on experience in Developing and executing Shell scripts.
* Setting up the new build environment for various applications in Linux
* Using Maven as a build tool, I could automate the process of building artifacts.
* Supported and helped to create dynamic views and snapshot views for end users.
* Implementing Jenkins continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
* Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
* Configuring, Troubleshooting and Monitoring build jobs in Jenkins
* Building various Jobs on servers in different environment like QA, UAT, Pre-Prod.
* Deploying WAR and JAR Application on targeted managed Servers by using Jenkins.
* Responsible for Supporting 24\*7 for both Production and Non-Production Environment.

**Environment:** Maven, GIT, Jenkins, Shell Scripting, Tomcat, Ansible, Linux, AWS, Docker

**Declaration:**

I, hereby declare that all the details furnished above are true to the best of my knowledge.

Date: ChandraVardhan