Chandravardhan

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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.**

* Hands on experience in Provisioning, Orchestration, Packages, Services, configuration and deployment using Ansible.
* Hands on Writing Ansible Modules.
* Hands on writing **Docker files**.
* Configuring **Jenkins** job with related plugins for Testing, Artifactory, and Continuous Deployment to accomplish the complete CI / CD.
* Experience with Amazon Web services Creating, Configuring and Managing EC2 services across AWS Zone.
* Working on AWS cloud such as creating **EC2, S3, ELB, AutoScaling,VPC, cloud formation**,**IAM,Route53,EKS,CloudWatch,SNS,SQS**
* Experience in using version controller tools like GIT.
* Hands on expertise to setup, configure continuous build processes using Jenkins,Maven, Git
* Experience in Containerization tool like Docker .
* Experience in build Docker images from Docker files.
* Have experience with **Docker and Kubernetes**.

**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 Civil in 2017 from Mahamaya Technical university.

Employment History:

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| --- | --- | --- |
| **Date** | **Company Name** | **Role** |
| September 2017 to till date | Optum Global Solutions,  Hyderabad | Devops Engineer |

**Professional Experience:**

**Project Name: Health Insurance May 2019 – Present**

**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.
* Used Shell/Perl scripts to automate the deployment process.

**Environment**: Maven, GIT, Jenkins, Bash Scripting, Tomcat, Linux,Docker, Ansible,Aws.

**DevOps Engineer on Aws**

**Project Name:HealthCare September 2017 – April 2019**

**Roles and Responsibilities:**

* 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, Bash Scripting, Tomcat, Ansible, Linux.

**Declaration:**

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

Date: ChandraVardhan