**RESUME**

**B. PAVAN KUMAR REDDY Email: pavanbellam98@gmail.com** **Mobile: 9885561033**

**Professional Summary**

I am having 2 Years of Total experience working in Software Development Domain Services as DevOps Engineer with the ability to accomplish in all the aspects of the Continuous Integration and Delivery Process Configuration Management, Build & Release and Deployment process in On-Premises & Cloud Monitoring Services and Containerization.

**Technical Skills on DevOps Tools**

* Hands-on experience in **GIT, GITHUB (distributed version control tool) & Ansible (Configuration Management Tools), Maven (Build tool), Docker (Container Based Tool) and Jenkins (Continuous Integration tool), SonarQube.**

**Technical Skills on Amazon Web Services (AWS cloud)**

* Having knowledge in **EC2, VPC, S3, IAM, SQS, SNS, Cloud Watch, Cloud Front, EBS, Elastic Load Balancer, Auto Scaling.**

**Technical Skills on Linux and Centos**

* Installation and configuration of **Red Hat Enterprise Linux**, **Ubuntu** and **Centos.**

**Technical Skills/ Knowledge**

* **Operating Systems** : Linux, Cent OS, Ubuntu and Windows.
* **AWS (Cloud )** : EC2, VPC, S3, IAM, SQS, SNS, Cloud Watch, EBS,

Cloud Front,Elastic Load Balancer, Auto Scaling.

* **DevOps Tools** : GIT, Docker, Ansible, Jenkins, SonarQube.

**Academic Details**

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| --- | --- | --- |
| Qualification | University | Year |
| B.Tech (EIE) | Sree Vidyanikethan Engineering college, Tirupathi | 2019 |

**Experience Profile**

* Working as a **DevOps & AWS Engineer** in **HCL Technologies LTD** from **Sep 2019** to **till date**

**Professional Experience**

**Organization: HCL Technologies LTD**

**Role:** DevOps & AWS Engineer

**Duration:** Sep 2019 to till date

**Project 1**

Title: FC-Systems & Platforms Duration: SEP 2020 to till date

Role/Designation: Senior Analyst /DevOps Engineer

**Description:**

Platform level development, support, configuration, firewall, server upgradeHandling the Infrastructure Configuration Management and Provisioning, Automation by Tools to ensure high availability in All the Environments.

**Roles & Responsibilities:**

* Setting up new Jenkins job configuration and Ensure pre and post performing build activates.
* Compiling source code with Files packed in repository and Integrating activities
* Working with Development team and modified the Jenkins Pipeline as per the requirement.
* On-boarded the new tools to the Jenkins pipeline like and Integrated with Jenkins as per client requirement.
* Worked on Creating the Central Dashboard for Monitoring Jenkins Builds, Deployments, Scan Results Analyzing quality of code (Sonar) and Tracking ‘Jira’ issues on Single dashboard.
* Configured the applications for running applications and log monitoring Continuous Monitoring.
* Worked on AWS services like Launching Ec2 Instances, Compute, Storage, Security, IAM.
* Configuring & Creating Branches Monitoring status logs, coordinating with development team to fix the build related issues.
* creating docker images with docker file and managing then in docker hub registry.
* Deploying multiple servers by containers using Kubernetes, Creating Pods, Services & deployments to expose deploying in k8s.

**Technical stack:** Jenkins, AWS, GitHub, Maven, Gradle, Repositories, Sonar, Docker, Kubernetes.

Project 2

Title: CMB-DD Cloud Migration Duration: DEC 2019 to SEP 2020

Role/Designation: GET

**Description:**

The Candidate components and integration services migration in progress through iterative drops for all DD components, migrate all DD components to Switch HK cloud solution ready to be deployed to new markets a solution ready to cloud deployment.

**Roles & Responsibilities:**

* Implemented the DevOps Pipeline from scratch as per the Client’s requirement and on boarded multiple Application(s) from Legacy Pipeline to DevOps Pipeline and had taken care of CICD/Configuration Management/Provisioning using DevOps Tools.
* Configuring a system, Management of Plugins and Nodes, Creating & Scheduling jobs, viewing the system logs, Pre-Build Actions/Post-Build Actions (in Jenkins).
* Integrated Jenkins (CICD Tool) with SonarQube, Maven, GitHub, SonarQube, Docker, Jira and Confluence, Minikube
* Infrastructure provisioning on GCP Integrated GCP to dashboard.
* Created a Jenkins file using Groovy Script (DSL) for the Re-usability of the Configuration of Jobs.
* On-boarded all the applications onto Containerized Jenkins which uses a single configuration file for the complete end-end build cycle written in declarative pipeline script.
* Orchestrated Docker Container
* Resolving the Tickets/Issues using CA Service Desk Manager/Service Now and Providing the Root Cause Analysis.
* Worked closely with Architecture, Development, Testing, Security, DB and IT Services teams and helped them in improving specific Processes/Infrastructures/Strategies.
* Attended the calls Sprint Plan/Retrospective/Review, and Daily Standup Calls for the Team’s Better co-ordination to improve the visibility of Progress of Work by using Agile/Scrum Methodology for SDLC.

**Technical stack:** Jenkins, Git/GitHub, Maven, Docker, SonarQube, Nexus, Agile/Scrum, GCP, JIRA and Confluence, Terr grunt.

**Responsibilities**

* Setup code repositories like **GIT**.
* Setting up and working with **Ansible.**
* Hands on experience in writing **Playbooks**.
* Having very good experience in **YAML**.
* Working experience in using Ansible **Ad-Hoc commands, Modules**.
* Hands on experience in working with **Roles** in Ansible.
* Configuring the **Docker** containers by using **Docker Images.**
* Creating **docker images** by using **docker file**
* Creating **docker images** from **containers**
* Having very good experience in working with **Docker volumes**
* Experience in **port mapping** in Docker
* Setting up of own **docker registry**
* Having very good knowledge in **installation of Jenkins**
* Good knowledge in **configuring nodes** in Jenkins
* Working experience in using **multiple plugins**
* Integrating Jenkins with **GIT and Maven**
* Setting up of maven, **CI and CD jobs**
* Knowledge in configuring dependency jobs in **Jenkins**
* Experience in maintaining the **CI with Jenkins**
* Very good hands on experience on **EC2** like creating and managing instances of all types.
* Worked on **S3** bucket like version control, Life cycle management, Cross region replication.
* Hands on experience on **VPC** like creating own CIDR block, subnets, assigning IP’s and launching instances into **VPC**.
* Administering users, groups and setting up of policies by using **IAM**.
* Monitoring all cloud services by using **Cloud Watch**.
* Worked on all kinds of **EBS volumes**, snapshots and **EFS**.
* Creating Elastic Load Balancer and attaching instances to that **ELB**.
* Having very good experience on configuring **Auto Scaling groups** and setting **policies**.

Declaration

I hereby declare that the information furnished by me in the above document is correct and accurate to the best of my knowledge.

**Place: Signature**

**Date:**