P.Muni prasad

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**Profile Summary:**

* Having about 3+ years of experience as a DevOps Engineer in various Devops technologies **AWS** cloud.
* Understanding the client environment, Administrating and creating solutions using **Jenkins, Kubernetes, GIT, Ansible, Maven, Dockers/Dockers swarm, Terraform.**
* Experience with AWS Services provisioning and Managing **EC2, EBS, IAM, S3, VPC, RDS, Lambda functions, ALB, Auto scaling.**
* Hands on expertise to setup, configure continuous build and Deployment processes (CI/CD) using **Jenkins, Git, Maven, Ansible** and SonarQube.
* Experienced in packing the applications as **Docker** images using **Docker File** and deploying it into the Kubernetes cluster and Dockers Registry.
* **Automated** Deployment to all environments (Dev, Test, Staging, production) using **Ansible** and Jenkins continues Deployment process.
* Knowledge on Google cloud platform (**GCP**) services like **compute** **engine, Firewalls, IAM, VPC, Volumes, GKE and stack driver.**
* Good knowledge on Google Cloud storage, Google app engine, Cloud SQL, Auto-scaling and load-balancer services**.**
* Experienced in configuring and monitoring **Kubernetes** cluster and application metrics using tools like **Grafana, Prometheus** using helm charts**.**
* **Manual Testing** the applications post deployment and giving the testing reports to the respective teams such as dev teams.
* Good programming and scripting knowledge in **shell scripting**.

**Education:**

* Completed **B.SC (Computer Science)** Sri Venkateshwara University Tirupati in 2017.

**Work Experience:**

* Working as an Aws DevOps Engineer with AGS INFOTECH LTD from August 2018 to Till.

**Technical Skills:**

* **O**perating system: **Linux and Windows.**
* Build tool*:* **Maven, Ant.**
* **V**ersion control Systems: **Git.**
* **C**onfiguration management tools: **Ansible, Terraform.**
* **A**pplication servers: **Apache Tomcat, Nginx.**
* **C**I/CD tools: **Jenkins, Bamboo.**
* **M**onitoring Tools: **Nagios, Prometheus, Grafana.**
* **C**loud: **AWS.**
* **T**icketing tools: **JIRA, Redmine.**
* **O**rchestration technologies: **Docker’s worm, Kubernetes.**
* **S**cripting languages: **Shell scripting.**

**PROJECT DETAILS**:   
    
**Client**: Expedia Inc

**Technologies**: AWS, Kubernetes, Docker, Git, Maven, GCP, Ansible, Terraform, Jenkins, Shell

**Duration**: October 2018 to till date

**Description:**

* Farmers Insurance Group is an American insurer group of automobiles, homes and small businesses and also provides other insurance and financial services products. Farmers Insurance has more than 48,000 exclusive and independent agents and approximately 21,000 employees

**Roles and Responsibilities:**

* Experienced with Dock Files as per the Requirement, Building, pushing to Docker repository and deploying it into Kubernetes.
* Automated the entire CI/CD process through the Jenkins pipelines by integrating the technologies such as Ansible, docker, Maven, Git and Kubernetes.

"Worked on Automation of Continuous deployments with Ansible as a deployment tool by integrating the Kubernetes cluster and Jenkins’s server, and wrote the several **Playbooks** as per the build and deployment requirements.

* **I**nvolved in designing and deploying a multitude application utilizing most all of the AWS stack such as **EC2, EKS, VPC, S3, RDS, SNS, IAM** and focusing on high-availability and auto-scaling.
* **R**esponsible for taking the source code and compiling using Maven and package it in its distributable format, such as a JAR / WAR to respective Environments through the Jenkins AND Ansible as a deployment tool.
* **W**orked on **automating** the build and deployment to the **EKS** **Kubernetes** cluster from Jenkins with declarative pipelines.
* **R**esponsible for creating the Deployments, Services, **PV** and **PVC’S** in the Kubernetes cluster as per the requirement.
* **E**xperienced in configuring and Monitoring **Kubernetes** cluster and application metrics using tools like **Grafana and Prometheus.**
* **Manual Testing** the applications Functionality post deployment and giving the test reports to the respective Team.
* **R**esponsible for managing **GIT** repositories, handling Branch access for developers in **GitHub**.
* **E**xperienced in writing the scripts using shell and Python for machine level monitoring
* **W**orked on the **EKS** **Kubernetes** cluster, performing the actions such as Creating the **deployments** and **services** and provisioning the applications using helm charts.
* Worked as a Build, release and configuration management Engineer with comprising Devops and AWS technologies
* **W**orked on **Kubernetes** and performed the actions such as deploying the pods and managing the manifest files as per the dev team requirement.
* **W**orked configuring the build and deployment (CI/CD) **pipe-line scripts** through the **Jenkins** from end to end
* **E**xtensively worked on Jenkins by installing, configuring and maintaining for the purpose of **continuous integration (CI)** and for End-to-End automation for all build and deployments.
* **A**utomated Deployment to all environments (Dev, Test, Staging, production) using **Ansible** Deployment scripts by integrating with the Jenkins.
* **C**onfigured the **Sonar Qube** and Sonar scanner with the Jenkins for better code Quality at initial Build stage of Source Code.
* **I**nvolved in designing and deploying a multitude application utilizing most all of the

AWS stack focusing on high-availability and auto-scaling.

* Provisioned the Monitoringservers such as **Prometheus** monitoring tools in the Kubernetes cluster.
* **P**roviding support through e-mail and chat in a 24/7 Support.

**PERSONAL DETAILS:**

Nationality : **Indian.**

Languages Known : **English, Telugu , Hindi**

Marital Status : **Single.**

Hobbies **: Reading books, playing shuttle, playing music instruments**

**Bangalore**

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