**Pavan Kumar Gadapu**

**Email**:pavan.gadapu@gmail.com

**Phone** :- +919908369659

Professional Summary:

* Around **4** years of IT experience as a **DevOps Engineer.**
* Working experience in continuous integration and continuous deployment using **Git, Jenkins, Ansible and Docker.**
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Hands on experience in creating **Ansible Playbooks, Roles** for cloud automation (AWS) and Application deployment automation.
* Good Understanding of **Maven** build tool for building artefacts (jar, war& ear) from source code.
* Experience in deploying enterprise application to **Apache-Tomcat** server
* Experience in Webservices **Nginx, Apache2**,
* Managed Amazon Web Services like **EC2, EBS, ELB, Auto-Scaling, AMI, IAM**
* Having good knowledge on **Chef Recipes**, **Roles and Cookbook**
* Having good knowledge on **Kubernetes**
* Having good knowledge on **Elastic Logstash Kibana (ELK)**.
* Having good knowledge on **Terraform**
* Good knowledge of programming concept, OS related issues, Server configuration and builds and release process.
* Ability to learn and adapt new technologies and to deliver outputs in to the deadlines.

Technical Skills:

* Operating Systems : RHEL, Ubuntu, CentOS.
* Cloud Services : AWS
* Configuration Management Tools : Chef, Ansible
* Application Servers : Apache Tomcat, Weblogic
* Webservers : Apache2,Nginx
* Scripting : Shell Scripting
* Build Tools : Maven
* Configuration Integration Tools : Jenkins
* Artifactory : Jfrog
* Version Control/Repository : Git
* Orchestration Too l: Docker
* Monitoring Tools : Nagios

Educational Qualification:

* Master of Computer Application (MCA) from Andhra University

Work Experience:

* Working as a DevOps Engineer in **SONS'INDIA SOFTWARE Pvt Ltd** from Sept 2014 to till date.

**PROJECTS/ASSIGNMENTS:**

**Project: #2** AMI Portal

**Role:** DevOps Engineer

**Environment: Git,GitHub,Jenkins, Maven, SonarQube, Jfrog,Docker,Ansible,AWS**

**Responsibilities:**

* Defined and Implemented CI/CD pipelines by integrating **Git**, Jenkins, **Ansible**, and **AWS**
* Configuring the **Docker** containers and creating **docker files**&**docker Swarm**, **docker Volumes**
* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using GIT source control.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds and automated the deployment on the application servers using the “deploy to container” plug-in for Jenkins.
* Continuous Delivery is being enabled through Deployment into several environments of Test, QA, Stage and Production using Jenkins.
* experience in **SonarQube** using SonarQube scanner plugin checking the code quality and analysis of code
* Automate the builds and deployment of projects using **Jenkins.**
* experience in **Jfrog** using artifactory plugin war/jar (artefacts) stored in Jfrog
* Implement, maintain and support reliable, timely and reproducible builds for project teams
* Created the **VPC’s**, configured the subnets, attached the gateway and routing tables to the **subnets** and deployed the **EC2 i**nstances in the subnets created.
* Working experience in **EC2, VPC, Subnets, Routing tables, Internet gateways, IAM**.
* Working experience of Amazon **EC2,** Amazon **S3,Elastic Load Balancing.**
* Creating new **EBS volumes** and attaching same to **EC2 instance** when needed.
* creating **snapshot** to the **EBS volume** for backup purpose.

**Project: #1** Remote TterminalUnit(RTU)

**Role:** Build and Release Engineer

**Environment:** Git,Maven,Jenkins, SonarQube,Apache Tomcat Webserver.

**Responsibilities-:**

* maintaining the version control systems using **Git**.
* configure the Day and Night Builds for the sprint teams in Jenkins
* Create/Delete/Modify user with proper permissions.
* developing automation scripts by using bash as a ci/cd for **Jenkins**
* experience in integrating unit test and smoke test for code quality analysis tool like **SonarQube**
* Resolving the build issues,
* Have experience in **SSH** Troubleshooting.
* Monitor Linux Servers for CPU utilization, Memory Utilization and Disk Utilization.
* Package management with **RPM& YUM** management in Red hat Linux.
* Scheduling of automatic repetitive Jobs with **Crontab** & at.
* Setting up file, folder permission
* creating snapshot.

I hereby declare that the information furnished above is true to the best of my knowledge.

place: Hyderabad

Date: (**Pavan Kumar G )**