PAVAN KUMAR

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**8309649239**

# PROFESSIONAL SUMMARY:

* Expert in understanding Operating Systems like Linux, Windows.
* Hands on experience in automating build process using JENKINS CI Tool.
* Extensively worked on Jenkins for continuous integration and for End - to-End automation for all build and deployments.
* Jenkins to build and run Terraform jobs to create infrastructure in AWS.
* Experience in Cloud Infrastructure & Application monitoring tools.
* Expert in deploying the code onto Application servers like Apache Tomcat.
* Hands on experience in Amazon EC2 technologies EC2, IAM, S3, Monitoring and Elastic Block Storage.
* Hands on experience on Configuration of VPC, Subnets, NAT Gateway, Route Tables and Internet Gateway.
* Hands on experience on CIDR Blocks.
* Hands on experience on Elastic Load Balancing.
* Experience in ansible, automated deployment process by writing ansible playbooks Using different modules, loops, facts, vars, ad-hoc commands, vault.
* Configured servers remotely using ansible playbooks to install packages, start services, copy files etc.
* Experience on orchestration tool Kubernetes to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts.
* Kubernetes Cluster management, deployment, scaling, monitoring, & troubleshooting
* Using JIRA as a project management tool & Slack as internal communication between environments

TECHNICAL SKILLS:

* **Operating Systems :** LINUX, Windows.
* **Languages :** Bash scripting.
* **Source code control Tools :** GIT & GITHUB
* **Build Tools :** Maven.
* **CI Tools :** Jenkins.
* **Monitoring Tool :** Grafana.
* **Cloud Technologies :** Amazon Web Services (AWS).
* **APP servers :** Tomcat.
* **IAC :** Terraform.
* **Orchestration Tools :** Docker , Kubernetes.
* **Configuration Tool :** Ansible
* **Ticketing Tool :** Jira

# PROFESSIONA L EXPERIENCE:

Currently working as **DevOps Engineer** in **Gebbs Technologies Ltd** from August 2022 to till date.

Worked as **DevOps Engineer** in **Techfosys Software Solutions Pvt Ltd** from Aug 2021 to Jul 2022.

# PROJECT 1:

**CLIENT : United Air Lines Duration :** AUG-2022- till date

**ROLE :** DevOps Engineer

**ENVIRONMENT:** AWS, GIT, Maven, Jenkins, Ansible, Docker, Terraform, Kubernetes, Cloud Watch, Grafana.

# Responsibilities:

## Implementation/setup continuous project build and deployment process using Git, Jenkins, Ansible, AWS EC2 & Tomcat.

* Creating snapshots and managing EBS volumes.

## Created and Configured Red Hat, Ubuntu, CentOS Virtual Machines in AWS using EC2.

* Using Git as version Control System and Automating the Code from GitHub to Jenkins.

## Upgrading Jenkins and build triggers for jobs whenever the new commit occurs through webhook.

* Creating & managing Kubernetes cluster and onboarding the applications on to the cluster

## Responsible for writing Docker file and creating containers and deploying applications

* Created Terraform scripts and modules to create infrastructure on AWS.
* Terraform was used to create immutable deployment framework for Microservices components.

## Using Ansible as Configuration Management Tool and Deploying WAR/JAR Through Ansible to Servers.

* Running Playbooks on servers of both environment (Prod and Non-Prod) by making necessary changes in the playbook

## Responsible for Supporting 24\*7 for both Production and Non-Production Environment.

PROJECT2:

**Clint name: Amgen**

**Duration :** AUG-2021-JULY-2022

**ROLE :** DevOps Engineer

**ENVIRONMENT:** AWS, GIT & GitHub, Maven, Jenkins, Nexus, Tomcat, Linux, Ansible, Docker.

# Responsibilities:

* Maintaining source code repository for all major and minor releases.
* Created CICD pipelines in Jenkins for continuous build & deployment and integrated JUnit and SonarQube plugins in Jenkins for automated testing and for Code quality check
* Identify, troubleshoot and resolve issues related to build and deployment process.
* Managed Nexus repositories to download the artifacts (jar, war & ear) during the build
* Responsible for writing Docker file and creating containers and deploying applications
* Writing pipeline (Jenkins file) to automate the release and deployment process
* Responsible for writing Ansible playbooks as per the requirement
* Implemented AWS solutions using EC2, S3, EBS, Elastic Load Balancer, Auto scaling groups.
* Trouble shooting and resolving the application unavailability issues and providing RCA
* Attending Daily stand-ups and weekly status calls and sending task updates to Lead/manager
* Setup CICD environment and process in collaboration with the Dev Teams
* Administered merge, build and deployment of the codes to all the environments
* Continuous Delivery is being enabled through Deployment into several environments of Test, QA and Production using Jenkins.
* Configured ALB with different launch configurations and EC2 Autos calling groups
* Working with cross functional, geographically distributed team to provide 24X7 deployment and application support across multiple environments

# EDUCATIONAL DETAILS**:**

**B.E in Mechanical Engineering from JNTUK University – 2020.**

# PERSONAL DETAILS**:**

**FATHER NAME** : ch.narashimarao .

**MARITAL STATUS** : Single.

**DATE OF BIRTH** : 7may 1999.

**NATIONALITY** : Indian.

**LANGUAGES KNOWN** : English, Telugu.

DECLARATION**:**

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

**DATE : ( pavan Kumar)**