**Shiva Kumar Orugonda**

Mobile No: +91 97030 99933 Email: orugonda.shiva@gmail.com

* **TECHNICAL SUMMARY**

As a DevOps Engineer with 7+ years of diversified experience in Software Configuration, Cloud Infrastructure, Build/Release Management in planning, designing, consulting, Implementation & technical skills in areas of AWS Cloud, DevOps,Windows and Linux Environments.

* Developed and implemented **Software Release Management** strategies for various applications according to the **Agile process** .
* **DevOps engineer** over 3 Years + of professional IT experience in Cloud computing.
* Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers. Managed kubernetes services on AWS cloud **(EKS)** and Google Kubernetes Engine(**GKE**).
* Experience in Continuous Integration and Continuous Delivery (**CI & CD**) on **Jenkins.**
* Hands on experience with AWS Cloud services - **EC2, S3, ELB,VPC**, **Route53, RDS,SSM** and **Code Pipeline**.
* Error Analysis in the AWS using the **Trusted Advisor.**
* Hand on Experience in **LINUX,** and used various types of operation systems.
* Experience **Cloud Formation** and Configuration Management.
* Resourceful in upgrading to Linux software with packages and maintained them with proper procedures, services level agreements and policies.
* Have an extensive knowledge to setup and configure applications servers, Apache Tomcat.
* Used Ticketing tool **JIRA** to track defects and changes for change management.
* Have a commendable knowledge in documenting and automating build and release process.
* Experience in creating Jenkins CI pipelines and automated most of the build related tasks.
* **TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Container Orchestration Tools | EKS |
| Configuration Management Tools | Terraform |
| Continuous Integration Tools | Jenkins |
| Operating Systems | Linux, Windows |
| Version Control Tools | Git Hub, GitLab |
| Web/Application Servers | Apache Tomcat |
| Scripting Languages | Shell |
| Virtualization | Docker |
| Bug Reporting Tools | Jira |

* **Project # : (KATEERA) Duration: 2017 Aug – Till Date**

Company : Auriferous Information Systems Pvt Ltd

Role                            : **Devops Engineer**

CI Tools : Jenkins

Virtualization : Docker

Ticketing Tool : JIRA

* **Responsibilities**
* Created **Kubernetes Clusters** and Deployed Worker loads in AWS.
* Creating the Policy for Backup Service in AWS Cloud for Scheduled backup of AMI’s .
* Good experience in launching the EC2 instances using **Terraform** tool.
* Experience in setting up the **build** and **deployment** automation for **Terraform** scprits using **jenkins.**
* Installing the NTP service using Bash Script in to various vm’s using SSM.
* Created Set of Config rules for **EC2** and **ELB** on AWS for alerting the configuration changes.
* Created the Promethus and Grafana Cluster in Kubernetes for Monitoring the Cluster,workloads and Nodes.
* Upgrading the Versions in Kubernetes workloads.
* Writing and running the **Shell script** on **EC2** environment using **SSM.**
* Hands on experience in daily activities like Disk Management and User Management issues.
* Implemented a Continuous Integration and Continuous Delivery (CI/CD) pipeline with **Docker, Jenkins, Git Hub & kubernetes..**
* Hands on experience in Create and Configure the Jobs in Jenkins

* **Project # : (GENEO) Duration: Feb 2014 – Mar 2017**

Company : Cognatrix IT

Role                            **: linux admin.**

* **Responsibilities**

• Monitoring Load average, CPU usage, Disk Space Usage, Memory Utilization for all Linux servers on a daily basis through Nagios monitoring tool

• Sharing file systems within Linux and windows Servers with NFS and SAMBA

• Configuration of Remote Access utilities, providing user access control on service like telnet and SSH

• Installation and updating of Linux Operating system (Redhat-6, 6.5, 7 & centos-6) on various servers like IBM- M3, M4 and Dell R200

• Monitoring Servers Through Nagios monitoring tool

• Configuring LDAP, Mastrer & Slave and TEAMING

• Maintaining Data Backups by using tar, gzip and dump

• Increasing swap size of servers, Logical Volumes (LVM)

• Moving daily logs to backup server through SCP

* **EDUCATIONAL QUALIFICATION**
* B.Tech from Jawaharlal Nehru Technological University Hyderabad 2012
* **PERSONAL INFORMATION**

Father's name : Rajashekar

Languages Known : English,Telugu and Hindi

Nationality : Indian

PAN No : ABPPO8711J

(DATE)

. (O. Shiva Kumar)