|  |
| --- |
|  venkateshemandi@gmail.com* +91-8919155106
* +91-8886964752

Venkatesh Emandi **DevOps Engineer** |
| **Cloud Computing , DevOps , Infrastructure & Automation Engineer****Location Preference – Bengaluru / Hyderabad** |
|  Executive Profile* **3+** years of experience as aDevOps EngineerSupporting Infrastructure **(AWS, Linux, Windows), DevOps (Build & Release Management)** with strong background on web applications and databases.
* **Technical expertise** entails with GIT /GIT Hub for code check-ins/checkouts & branching, Jenkins for continuous integration and for End-to-End automation for all build and continuous deployment.
* Gained efficient knowledge on **AWS services like EC2, S3, VPC, ELB, AutoScaling Groups, Route 53, IAM, Cloud Watch, SNS & RDS** and Linux flavors like Centos, RHEL, ubuntu **with GIT / GIT Hub for code** check-ins/checkouts and branching and various other functions.
* Experienced in creating cloud infrastructure using **terraform** tool (Iaac) Infrastructure as a code.
* **Experienced in Jenkins** for Continuous integration and for End-to-End automation for all build and continuous deployment
* Rich experience in providing **implementation**, **post-implementation**, **application maintenance** and **enhancement consultation** of product / software application
* Capable of **analyzing information system needs**, evaluating end-user requirements, custom designing solutions and troubleshooting for information systems
* Skilled in ensuring a high-quality **customer experience**& elevating customer satisfaction while adhering to the SLAs and work processes
* Excellent **leadership**, **planning**, **coordination**&**relationship management skills** with capabilities in managing cross-functional teams that evolves solutions collaboratively

 Technical Skills

|  |  |
| --- | --- |
| * Operating Systems
 | RedHat Linux , Centos,Ubuntu , Windows  |
| * Cloud Technologies
 | AWS |
| * Webservers
 | Apache,Nginx |
| * Database
 | MySQL |
| * CI/CD tools
 | Jenkins |
| * VersionControl Tools
 | Git,GitHub |
| * Automation Tools
 | Terraform,Packer,Ansible |
| * Clusters
 | Docker |
| * Scripting
 | Shell Scripting |

 |  Recent Projects

|  |
| --- |
|  **AWS Cloud Automation*** **Infrastructure Automation using Jenkins.**
* **Automated end-to-end infrastructure deployment on AWS with Jenkins tool.**
* **Code Management, Build Pipelines & Multistage release pipelines.**
* **Setting up streamlined CI/CD pipelines on Jenkins.**

**Micro-Services Deployment*** **Creating docker customized images to perform the sanity tests.**
* **Performing cluster and rolling updates.**
* **Docker swarm deployment.**

Key Impact Areas |
|  |
| **Installation & Deployment**  |
|  |
| **Cloud Operations**  |
|  |
| **DevOps Operations** |
|  |
| **Enhancements & Implementation** |
|  |
| **Technical / Functional Documentation**  |
|  |
| **Team Building & Leadership** |
|  |

 Soft Skills

|  |
| --- |
| **Analytical** |
|  |
| **Communicator** |
|  |
| **Collaborator**  |
|  |

 |
| exp24x24iconsOrganizational Experience**Since Nov-2019**:**Sree Venkateswara Enterprises**, Bengaluru as  **DevOps Engineer**  (Client: **ISRO**)* Worked on Amazon Web Services such as EC2, S3, IAM, EFS, EBS, VPC, ELB, Auto Scaling.
* Worked on GIT branching strategies that fits best for the environment.
* Worked on HA setup to make the application available to the customers.
* Involved in the outages to troubleshoot and resolve the issues.
* Wrote ansible playbooks to automate the infrastructure
* Created GIT Repositories and specified branching strategies that best fitted for the client.
* Coordinated with developers and managers to make sure that code is deployed in the production env.
* Cloud Services Administration and troubleshooting.
* Administering integration of version control & build tools into Jenkins to create an end-to-end orchestration build cycles; executing the CI Jenkins build job for application builds through GIT tool
* Ensuring the update/maintenance of packages for the cloud servers using Ansible,Puppet
* Worked on setting up streamlined CI/CD pipelines on Jenkins.
* Deploying the cloud infrastructure by using (IaaC) tools like Terraform and Packer.

**Nov’2017 – Oct’2019: Ananth Technologies Limited**, Bengaluru as  **DevOps Engineer**  (Client: **ISRO**)* Troubleshot & configured SSH, TELNET, FTP and NFS
* Maintained backup on Linux files/directories using RSYNC and TAR; scheduled automated jobs on Production Servers using CRON utility
* Streamlined the installation & configuration of Yum Server repository, antivirus and other software.
* Experienced in other cloud technologies and maintaining the company’s infrastructure.
* Conducting installation, configuration & tuning of Linux and troubleshooting of servers entailing network configuration, OS installation, file system configuration,managing & providing technical guidance/support to the Project Team
* Ensuring creation & deletion of web containers for hosted websites and maintenance of proper functioning of websites
* Monitoring the change, delivering on-call support for 24/7 production environment by diagnosis & resolution of problems associated with DNS, DHCP, VPN, and NFS.
* Managing and supporting the company's network and data center networks.
* Prepare and Document standard Operating procedures and discussing with management for approvals.
 |
| Education & Credentials* **B.Tech.ECE (2012-2016)-66%**
* **Interemediate- (2010-2012) -82.0%**
* **SSC -(2010)-81.0%**
 |