|  |  |
| --- | --- |
| 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%** | |