###### **VENKATA SIVAKUMAR REDDY**

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**Professional Summary**

* 3.3 years of experience in the field of **DevOps** Engineer in application configuration, code compilation, automating, supporting, release management, leveraging configuration management, CI/CD, and DevOps processes.
* Hands on Experience on AWS services like **EC2**, **RDS**, **Cloud Watch**, **VPC**, **IAM, EBS, Lambda, Auto Scaling, Cloud Formation, SQS, SNS, and Cloud9** etc.
* Experienced in **Jenkins** by installing, configuring and managing for purpose of continuous integration (CI) and end-to-end automation for all deployments and creating Jenkins CI pipelines.
* Experienced in branching, merging and maintaining the versions using SCM tools like **Git**, **GitHub** and **Gitlab**.
* Experienced in **Ansible** as Configuration management tool, Used Playbooks to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Work Experience on **UNIX Shell Script** to automate the tasks like sending consolidated email reports for process check, error log count, file system issues and log retention.
* Work experience on application servers like **Weblogic**, **IBM WebSphere**.
* Work experience on Web Servers like **Apache** **Tomcat, JBoss, IIS**.
* Experienced on monitoring tools like **Wily**, **HPOV.**
* Working with ticketing tools like ITSM BMC Remedy, ServiceNow, ITRP and TopDesk.
* Preparing and Managing Suggestion Documents to improve the Quality of the application.
* An effective team player with exceptional planning and execution skills coupled with a systematic approach and quick adaptability.

**Educational Details**

Bachelor’s Degree in **Electrical and Electronics Engineering** from Jawaharlal Nehru Technological University, Anantapur in2017.

**Technical Information**

* **Cloud Services**: AWS.
* **CI tools**: Jenkins
* **Configuration management tool**: Ansible.
* **Versioning tools**: Git, GitHub, SVN, Bit bucket.
* **Automation tools:** Rundeck, Consul.
* **Containerization tools:** Docker
* **Scripting Language**: Shell scripting, Python, power shell.
* **Monitoring tools**: Wily, HPOV, Kibana.
* **Databases**: My SQL, Oracle.
* **Web/App Servers**: Weblogic, IBM WebSphere, IIS, Apache Tomcat, JBoss.
* **Workload Automation Tools**: Control-M, IBM Workload Automation.
* **Ticketing tool:** JIRA, ServiceNow
* **Operating System:** Windows, Linux

**Experience**

**DevOps/Cloud Engineer 28/01/2018 to Current**

**Cyber Best technology Hyderabad**

* Created and maintained Jenkins CI/CD pipelines for code deployments using Ansible.
* Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling.
* Setup/Managing VPC, Subnets; make the connection between different zones; blocking suspicious ip/subnet via ACL.
* Created Jenkins jobs for AMI rehydration.Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon CloudWatch, SNS.
* Created multiple shell scripts to automate day-to-day activities and required tasks.
* Created Ansible playbooks for deployments, application start/stop file directory operations.
* Implemented process for release management, automated code deploy and monitoring.
* Worked on release management for planning release for different data centres and creating task plans taking care of code pre staging and taking backups.
* Reduced 20% of the cost by elimination unnecessary instances in AWS and reduced the size of instanced by analysing the current statistics.
* Created Branches, Tags for each release and particular environments.
* Strictly enforced ITIL process while pushing builds and deployments to prod and pre-prod environments.
* Worked on application migration for on prem servers to latest red hat version.
* Created Shell scripts to send automated health check email reports.
* Installed and configured apache tomcat for static application hosting. And configured SSL certs.
* Wrote custom monitoring and integrated monitoring methods into deployment processes to develop self-healing solutions.
* As a part of innovation implemented Rundeck tool for automation tasks.
* Collect the new technologies and tools, and introduced them to the company; in which way it helped the company build up an agile development environment. It improved the product quantity and the work efficiency.
* Write shell script to take GIT repository backup. Managed GitHub repositories and permissions, including branching and tagging.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Created alarms in Cloud watch service for monitoring the server performance.
* Monitoring the applications through monitoring tool and taking actions accordingly.
* Analysing the application logs and find out the issue and provide solutions.
* Creating shell scripts for automation works.
* Installed and Setup Web Server like Apache and Tomcat.
* Installing and Managing SSL certificates.

**Declaration**

I hereby assure that the above details are true to the best of my knowledge.

Place:

Date: Signature

(Venkata sivakumar reddy)