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Sridhar Reddy **Email:** sreddy9506@gmail.com

**Linux Admin /Build & Release / DevOps Contact No :**( 901) 310-5813

**Professional Profile**

Team-oriented DevOps engineer with 3 years of experience in Information Technology industry in various roles with excellent experience in DevOps, Build & Release management and Linux Administration for several market driven international organizations

**Summary**

* Experienced in System Administration, DevOps, Build and Release Engineering in automation, deploying and release of code from one environment to another.
* Experience in writing scripts to automate the administrative tasks and management using cron.
* Experience in configuration management tool such as Ansible, Ansible tower and AWX.
* Hands on experience in Docker & container orchestration tool such as Rancher.
* Hands on experience in patch management tool such as Spacewalk.
* Hands on experience in open source management tool such as blackduck hub
* Hands on experience in configuring and maintaining the Webservers like Apache, Tomcat and App servers
* Strong attitude towards enhancing and learning new technologies
* Capable of handling multiple tasks and work effectively both in a group and as an individual to meet deadlines

**Education:**

Master’s in computer science from Northwestern Polytechnic University with 3.21 GPA (April 2015).

Bachelor’s in computer science from Osmania University with 62.33% (April 2013).

**Technical Skills**

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| --- | --- |
| Technology | TOOLS |
| Operating Systems | UNIX, Linux/Centos, Ubuntu and Windows |
| SCM Tools | Subversion/SVN, CVS, Git Hub. |
| CI Tools | Jenkins, Docker, Blackduck hub and Protex |
| Build and Scripting Tools | Shell, Python. |
| Tracking Tools | Rally, Jira, ITIM, Version One. |
| Cloud Technologies | Ansible, Ansible Tower & AWX |

**Work Experience**

**Client: IBM (Watson Cloud) Columbus, Ohio April 18 – Till Date**

Linux Admin / DevOps (Build & Release)

Roles & Responsibilities

* Involved on installation, configuration and OS upgrades on Red Hat Linux, Centos, Ubuntu and Windows
* Worked on installation, configuration of ansible server and deployed application’s using it.
* Created Jump host/Admin box for central authentication to connect all Unix/boxes without using password via keys.
* Hands on experience in writing playbooks for patch management, deploy and configuration changes in Unix and Linux boxes.
* Worked on installation, configuration of AWX servers and managed windows system using it.
* Worked on configuring Kickstart Servers and booting the images using PXE in Red Hat Linux.
* Worked on installation of Spacewalk server and configured its client with keys for respective channels.
* Worked on spacewalk and managed patch management.
* Worked on installation, configuration of Zabbix (3.0) and integrated with other monitoring/alert solutions such as pagerduty and slack
* Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
* Used various networking tools such as ssh, telnet, rlogin, ftp and ping to troubleshoot daily networking issues.
* Involved in all projects that move to production and work closely with the Data Center, Development, Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes.

**Client: Cisco Systems, Inc. Nov 17 – April 18**

Linux Admin / DevOps (Blackduck OSS)

Roles & Responsibilities

* Involved on installation, configuration and OS upgrades on Red Hat Linux, Centos, Ubuntu and Windows
* Working with implementation, Installation and configuration of Blackduck Hub and Protex (Open Source software)
* Worked on Rancher platform for Docker orchestration.
* Implemented build stage- to build the Microservices and push the Docker container image to the private Docker registry.
* Create and maintain continuous build and continuous integration environments in Sandbox, QA, PROD for Blackduck.
* Written Python scripts to automate BAU for Blackduck hub & protex.
* Monitor the health and performance of production systems and applications using sysdig monitoring tool.
* Worked on creating the Docker containers, Docker images, tagging and pushing the images and Docker consoles for managing the application life cycle.
* Managed GIT repositories for branching, merging, and tagging.

**Client: Deutsche Bank, RTP, NC Aug 17 – Nov 17**

Linux Admin / DevOps (Build & Release)

Roles & Responsibilities

* Involved on installation, configuration and OS upgrades on Red Hat Linux, Centos, Ubuntu and Windows
* Worked on Trade gate (Stock) Application and supported their Build and release environment in multiple location (London, New York, Frankfurt, Sydney and Tokyo).
* Worked on migration of perforce (Centralized repository) to git (Distributed repository) with full history of Trade gate application.
* Worked on setup of pipeline for Dev, QA, UAT and Prod (Team city) for build of code.
* Developed Python, Shell and Ruby Scripts for automation and monitoring purpose.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.

**Client: IBM (Watson Cloud) RTP, NC Jul 16 - Jul 17**

Linux Admin / DevOps (Build & Release)

Roles & Responsibilities

* Installation, Configuration and Maintenance, Enterprise computing including: Windows, Linux, Software and Hardware, System Backup, Recovery, Linux User and File System Management, Linux/Unix Package and Patch Management.
* Installation, Configuration and Maintenance of samba, Apache Tomcat, Web Sphere and JBoss servers in AIX and Linux environment.
* Perform regular day to day system administration activities such as user administration, disk management, package install, patch management, storage management, and NFS administration.
* Expertise in setting up SSH, SCP, SFTP connectivity between UNIX hosts. LDAP, sendmail, ftp, remote access, security management and Security trouble shooting skills.
* Knowledge of Routers, Switches, Hubs, Firewalls, LAN, WAN Intranet, Internet and Load balancers.
* Manage user's accounts for the team access for Redhat Linux Servers.
* User Administration, management and archiving.
* Monitoring system resources, logs, disk usage, scheduling backups and restore.
* Software and Hardware Installation, Backups, Cabling, Network.
* Built shell scripts, managed the automation of CRON jobs as well as file systems.

**Capital One, Jersey City, NJ** May 15 to Jul 16

System Administrator

Roles & Responsibilities:

* Involved on installation, configuration and OS upgrades on Red Hat Linux 5.x, 6.x, 7.x
* Remote system administration using SSH
* Installed, configured, and administrated Linux
* Organized user accounts, configuration, trouble shooting and system monitoring
* Managing all types of installations and upgrade on Linux servers
* Set up network services using TCP/IP.
* Manage system routine scheduling and enabling cron jobs
* Configured of IPTABLES, Selinux and system hardening for security.
* Configured and manage network interface
* Troubleshoot software and network problems
* Built and deployed new Linux severs with KICKSTART
* Responded to emergency calls concerning repairing problems and server performance.
* Create Linux/Unix/Window Virtual Machine using VMware.