**Santhosh Kondreddy**

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# Professional Summary

* Experience in creating, configuring and maintaining Amazon **EC2** virtual servers.
* Experience in **Cloud watch, Elastic IP** and managing AWS infrastructure, **Security Groups** on AWS.
* Experience working with version control systems like **GIT** and used Source code management tools **GitHub and GitLab**.
* Hands-on experience with **Continuous Integration** and **Continuous deployment** using the tools Jenkins, Chef, Git, and Docker.
* Experienced configuration management utilizing **Puppet**, **Chef** and **Ansible**.
* Experienced in Configuration Management, Cloud Infrastructure, and Automation utilizing Amazon Web Services (AWS), Maven, Jenkins, Chef, Git, GitHub, and Tomcat.
* Implemented a CI/CD pipeline involving **GitLab**, **Jenkins**, **Chef**, **Puppet**, **Ansible**, **Docker**, and **Selenium** for complete automation from commit to deployment.
* Installed and Configured **Chef Enterprise** and **Chef Workstation** hosted as well as On-Premise; **Bootstrapped Nodes**; **Wrote Recipes**, Cookbooks and uploaded them to **Chef-server**.
* Hands-on experience using **Maven** as build tool for building of deployable artifacts from source code.
* Extensively worked on **Tomcat 6.x/7.x**, **Apache Web Server 2.2.x** as administrator for Server Installations, Configuration, Application components deployment, performance tuning including troubleshooting and maintenance.
* Having experience in Hardware maintenance, replacement of the server, Upgrade of Kernel & OS and Virtualization(Xen).
* Knowledge on **ITIL** such as **Incident Management**, **Problem Management** and **Change Management**.
* Experience **Citrix XenServer Virtualization.**
* Creation, management, administration and maintenance of virtual servers and clients.
* Experience in tracking tools like **ServiceNow**, OTRS(ITSM 6.0) tool.
* Knowledge of Software Development Life Cycles Methodologies **Waterfall**, and **Agile**.
* Exposed to all aspects of the software development life cycle (SDLC) which includes Analysis, Planning, Developing, Testing and Implementing and Post-production analysis of the projects.
* Experience in multi platforms like **RHEL**, **CentOS** and Windows XP/Vista/7/8/10 production, test and development servers.
* Strong Work Ethic with good interpersonal and Organizational skills.
* Ability to work under minimal supervision and guidance.
* Experience in logging, monitoring and maintaining application/servers using tools such as **Nagios**, Zabbix.

# Education Qualification

* **B.Tech** (ECE), KITE, Rangareddy, 2014 [**71%]**.
* **Intermediate,** Narayana Jr College, Tarnaka, 2010[83**%]**
* **SSC,** ZPSS High School, Khammam, 2008**[68%]**

# Professional Experience

1. **Vupadhi Techno Services Pvt Ltd**, Hyderabad

**System Administrator**

**Dates Employed: 12/2016 – Till Date**

**Roles & Responsibilities:**

* Coordinate release activities with Project Management, QA, Release Management and Web Development teams to ensure a smooth and trouble-free roll out of releases.
* Working on end to end in setting up of environments like DEV, QA, Staging environments in AWS cloud and PROD environment in Physical and Virtual Machines.
* Role required Planning, deploying, monitoring, and maintaining Amazon AWS cloud infrastructure consisting of multiple EC2 nodes and Virtual Machine's as required in the environment.
* Strong hands-on on AWS cloud services like EC2, S3, RDS, ELB, and EBS for installing, configuring.
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud.
* Utilize Cloud Formation and Puppet by creating DevOps processes for consistent and reliable deployment methodology.
* Performed Build/Release/SCM engineer duties.
* Implemented Puppet Master, Puppet Console and Puppet Agents, Create Puppet modules and Classes.
* Performed code line GIT pushes (releases) to production and customer servers and Developed and improved GIT push scripts.
* Written chef cook books and recipes to Provision several pre-prod environments consisting of Cassandra DB installations, web logic domain creations and several proprietary middleware installations.
* Involved in writing shell scripts for compilation and deployment process.
* Automated the cloud deployments using chef, python (boto & fabric) and AWS Cloud Formation Templates.
* Experience in writing ansible scripts.
* Used Ansible for configure tomcat servers and maintain.
* Worked on Virtualization of build and SCM environments.
* Building pipelines in Jenkins while also fully scripting the creation and provisioning of Jenkins.
* Collaborate in the automation of AWS infrastructure via terraform, ansible, and Jenkins - software and services configuration via chef cookbooks.
* Worked in DevOps group running Jenkins in a Docker container with EC2 slaves in Amazon AWS cloud configuration. Also gain familiarity with surrounding technologies such as Mesos (Mesosphere) and Kubernetes.
* Worked with the development team to generate deployment profiles (jar, war, ear) using ANT Scripts and Jenkins.

1. **Elite Innovative Solutions Inc**, Hyderabad

**Linux System Administrator**

**Dates Employed: 04/2014 – 12/2016**

* Good knowledge of Linux, Installation of Linux in different modes.
* Installation and up gradation of OS, Kernel and additional Packages using RPM and YUM.
* User administration and password policy management.
* Having the knowledge of configuring different servers (FTP, WEB, NFS, SAMBA).
* Having the knowledge of configuring IPtable rules.
* Monitoring server performance and application process.
* ISCSI Server configuration & client configuration.
* Configuration of swap.
* Installed and configured Nagios monitoring tool to manage infrastructure.
* Setup NTP server and synchronized clients with NTP server.
* Good knowledge of File System management and ACL and Backup Tools
* Troubleshooting Linux, User and Group management,
* Analyzing and Rectifying Login and Booting Issues.
* Having the knowledge of creating LVM.
* Configuring crontab and scheduling the jobs.
* Good understanding of error logging subsystem

# Skill Set

Operating system : REHL/CENTOS(5,6 & 7), Windows Family

Programming Languages : Shell Scripting

Mail Messaging Server : Send mail & Postfix

File sharing services : FTP, NFS, SAMBA

Storage : Logical Volume Manager

Ticketing tool : BMC Remedy, BMC Patrol & OTRS(ITSM 6.0)

Monitoring tools : Nagios core & Spice Works Monitoring tool

Web server : Apache

Application Server : Tomcat

Deployment Tool : Jenkins

# Personal Details

Father’s Name : Narsireddy Kondreddy

Date of Birth : 14th June 1993

Marital Status : Single

Nationality : Indian

Languages Known : Telugu, English.

Address : Plot no 143,

Rajaram Colony, Chowderiguda(V),

Ghatkesar(M), Medchel(Dist)-500088

Place: (Santhosh.K)

Date: