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SREENIVASA REDDY D ⭐ Featured

Engineer seeking roles in Automation of DevOps in AWS, Google Cloud Platform, Microsoft Azure ,Release Management and Configuration Management.

Current Designation: Principal Engineer
Current Company: Manipal Global Education Services
Current Location: Bengaluru / Bangalore
Pref. Location: Bengaluru / Bangalore,Chennai,Hyderabad
Functional Area: IT Software - Application Programming / Maintenance
Role: Project Mgr-IT/Software
Industry: IT-Software/Software Services

Total Experience: 16 Year(s) 0 Month(s)
Notice Period: 1 Month
Highest Degree: MCA [Computers]

Key Skills: Engineer,Project Manager-IT/Software,IT Operations Management,Release Management,Configuration Management,Project Management,Requirement Gathering,Linux Administration,Active Directory,Debugging,Networking,Devops,Jenkins,Hyper-V,MySQL,Unix,JSON,AWS

Verified : 📞 Phone Number | Email - id

Last Active: 21-Jan-21   Last Modified: 21-Jan-21

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Summary

*   DevOps Certified from Eureka and AWS Certified Professional from Manipal Prolearn with 17+ years of experience in creating Cloud platform architecture documents detailing client's vision on AWS infrastructure and platform services support for overall application architecture; providing Cloud solutions with complete security & compliance controls, including data sovereignty, day-to-day administration and governance
*   Excellent across Cloud and Infrastructure components (server, storage, network, data, & applications) to deliver end-to-end Cloud architectures & designs
*   Strength in establishing & maintaining the branching and merging strategies for managing releases including master, release and feature branches
*   Strong knowledge of best practices and IT operations deploying highly-available, scalable and secure applications encompassing experience in UNIX/Linux Admin., AWS Cloud Automation and Middleware/Application Server

Work Experience

🔘 **Manipal Global Education Services** as Principal Engineer
Jul 2009 to Till Date

Key Result Areas
*   Collaborating with Enterprise Architects, Project Managers, Vendors, Developers and Deployment Managers to define & implement a Software Configuration Management solution for a new Bank
*   Engaged in installing, configuring and maintaining continuous integration, automation and configuration management tools
*   Implementing and developing solutions enabling Development & Operations Teams to build, deploy, monitor and test applications & environments
*   Creating cloud solutions to specific client needs and extending viability various solutions in terms of cost, benefits and ease of use; helping customers on cloud decisions by sharing various options and business impact
*   Designing roadmap for migration, redesign, delivery of Software Applications to cloud, deciding technical approaches, formulating system designs, recommending and leading implementation of architectures that satisfy the requirements
*   Leading the development and configuration management of architecture views and models that describe the system using standard techniques and tools and supporting the specification of documentation, model standard forms & tools
*   Managing and supporting CI/CD and source control systems as needed to build and manage virtual services and their deployments; facilitating applications and resources from data center to cloud environments
*   Developing build scripts and tools for builds using most appropriate languages and technologies such as shell and Perl
*   Integrating automated builds and creating artifacts into test environments, unit test harnesses & code analysis tools
*   Monitoring installation of Tomcat, Apache, PHP, PHP-FPM and MySQL
*   Designing & creating a resilient SCM Infrastructure from scratch - Subversion & Hudson integrated with Active Directory/LDAP, orchestrating SCCM and Satellite deployments and host builds to serve every part of the Project
Major Projects
Project: EduNxt - on - premise Data Centre Deployment one of Indian National Bank
*   Set-up Application Infrastructure Component Centos Linux, Apache Web front end servers, PHP-FPM and MySQL Replication for high availability

* Used Percona open source tools for setting-up MySQL Replication online; ensured Linux Logical Volume Management for resizing file system and adding external disks through F-disk management software

Project: EduNxt - VPC Virtual Private Cloud Deployment
Summary: Edunxt is Trade Mark, award winning and unique LMS, CMS and Evaluation Product extensively used by the all its entities of Manipal Global. Generated current business case demands there is a challenge to auto scale up/ scale down on premise deployments.
*   Consistently met its demands team and designed high availability, scalable, fault tolerant, Cloud governance & compliance infrastructure deployment on Amazon Virtual Private Cloud
*   Supervised migration of application infrastructure & its data from on premise Centos Linux, MySQL, PHP, Percona, lighttpd, NFS, and Drupal and Apache onto AWS Cloud Components Centos EC2, RDS, EBS, ELB, S3, IAM, CW, AS and CDN
*   Strong technical background in networking, operating system, system administration and performance monitoring
*   50% of time will be addressing planned maintenance activities and providing support to operations and service delivery teams
*   Implementing and developing solutions enabling Development & Operations Teams to build, deploy, monitor and test applications & environments
*   Will work on lifecycle of plan, build and operate
*   Provides technical services in support of project leadership and technical solutions for clients
*   Provides guidance and troubleshooting for complex technical issues
*   Track application performance metrics and report out to management
*   Provide application administration support for Control-Ms production cluster, QA, Dev., and DR environments
*   Coordinate and provide significant input to project planning and application design

◉ **Randstad,** as Sr. Executive -LMS Administrator
Jun 2008 to Jul 2009

Major Projects
Project: EduNxt - On - premise Data Centre Deployment
*   Engaged in setting-up Application Infrastructure Components Centos Linux, Apache Web front end servers, MySQL Replication for high availability
*   Used Percona open source tools for setting up MySQL Replication online
*   Facilitated Linux Logical Volume Management for resizing file system and added external disks through F-disk management software

Project: TeL - Learning Management Administrator
*   Deployed:
o   Moodle application infrastructure learning management services on in-house data centre
o   Application stack on Windows, PHP, Apache and MySQL
*   Developed courses, course instance, question bank creation, quiz creation and assigned roles based on access & site operations

◉ **Indian Institute of Information Technology & Management** as Design Engineer
May 2005 to Jun 2008

Key Result Areas
*   IT Services and Learning Consulting: Established Learning Management Services at Nagaland University
*   Network, Operating System Security Consultant for Trivandrum City Police Portal: Established Weather Data Servers for Kerala State Planning Board
*   Mail Services (Postfix): Installation and management in open source mail services
*   Linux Network Services:
o   Configured squid as a proxy & caching server
o   Configured iptables NAT to protect the LAN
o   Restricted the users to access the unspecified ports outside as per the policy
o   Secured and monitored default gateway/firewall/DMZ/proxy
o   Bandwidth measurement by each individual private IP
*   Monitoring Services (Nagios, MRTG):
o   Installed & configured Nagios for monitoring the servers
o   LAMP installation with SSL support
o   Used to automate the tasks for system administrator
o   Sent an automated mail to the administrators to notify the status of the servers
*   Learning Management System (LMS): Configuration of Learning Management Systems (MOODLE) and streaming services
*   Linux Diskless Thin clients:
o   Configured the cost-effective solution with Linux diskless thin client workstations
o   Configured with NFS, Auto Mounts, DHCP and PXE/Ether Boot

Education

UG: **B.Sc (Electronics)** from **Nagarjuna University** in **1998**

PG: **MCA (Computers)** from **Bharathidasan University** in **2001**

IT Skills

Skill Name	Version	Last Used	Experience
MySQL, RDS, Percona, Aurora			
Subversion, Git, Jenkins			
Apache, Tomcat, lighttpd & MS IIS			

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				
Telugu				
Kannada				
Tamil				

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent / Temporary

Employment Status: Full Time, Part Time

Language	Proficiency	Read	Write	Speak