



Amol S Thorat

Technical Specialist



13 Years 0 Month



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9673858577



Key Skills

Infrastructure and IT Project management

Client Engagement (Business / Stakeholders)

Leading Mentoring & Coaching

Team Management

Strategic Planning & Execution

Requirement Gathering

Cross-Functional Coordination

Cost/Resource Optimization

Requirement analysis



Technical Skills

BigData

MLOps

Cloud Computing

Linux

Hive/SQL

Kafka

DevOps

Spark

Kubernetes

AI/ML



About Me

Launched cutting-edge technology, controlled costs, and provided innovative solutions while improving organizational efficiency, productivity, and profitability. Delivered IT operational excellence and led efficient and solutions.



Profile Summary

An accomplished IT professional with more than 13+ years of experience. Working with growing Technologies BigData, AI/ML, DevOps, Cloud, CI/CD, Automation, Linux, Windows



Education

2006, Full Time

MCM Appear, Computer
Nagpur University

2004, Full Time

M.Com, Commerce
Amaravati

2002, Full Time

B.Com, Commerce
Amaravati



Work Experience

2022 - Present

Technical Specialist
Zensar

Key Result Area

Built and configure Hadoop ecosystem on Hybrid Cloud: Azure + in premises in ST, SIT, UAT. Version CDP 7.2 an configure HDLC Yarn Manage Cluster 20 node(Linux) and monitor as well troubleshooting, Job tracker and add component to ecosystem. Used MLOps approach to submit task and as well cluster configure and update.



Certification

- **PMI - Project Management Professional (PMP)**
- **ITIL Foundation Certification**
- **CCCP**



Personal Information

Date of Birth 15th August 1980

Gender Male

Address Vadgaon Maval
Pune

City Pune

Country INDIA

Marital Status Married

Managed and monitor data movement from Linux to HDFS and vice versa. Deploy ecosystem component like Hive,Spark,Kafka. Pandas ,pySpark and AirFlow used for DataPipeline/ETL

2021 - 2022

Principal Software Engineer
Maveric Systems Limited

Key Result Area

CDP Environment: Acquiring CDP requirement, communicating with Cloudera for Licensing and Features.
Deploy infrastructure for CDP . Design ETL through Pandas and Shell Scripts. Some cases used pySpark for ETL. Import database through Hive and moved for analyse through code. Collaborate with Cloudera Team and implement Hadoop Cluster.
Administrator for HDFS, Kafka, Pig, Hive, Hbase and installing updates, patches and upgrades. Data loading from Linux to HDFS, Import and Export data into HDFS and Hive using Sqoop. Provision ETL by Pandas. Assisted with data capacity planning and node forecasting. Deployed nodes in cluster and Services in Azure. Git: code submit, check and push over k8 cluster Provision VMs over Azure through Terraform and Implementing Shell script for automation over Server Health Check

2020 - 2021

Cloud System Administrator
Infosense Pvt Ltd

Key Result Area

Aligned with Agile Framework. Deploy and Monitor Hadoop Ecosystem. User and Group Management check and deploy security system for Hadoop. Patching/Upgrade Hadoop system. Upgrade and Troubleshooting NameNode and Datanode, Management, Secure Hadoop ecosystem

2018 - 2020

IT Consultant
Open Source Circle

Key Result Area

Setup Infrastructure from scratch Setup Virtualization layer KVM/Hypervisor Customized OS for prerequisite docker Install and configure CVS tools Git-GitHub,SVN Server, SVN Client(Tortoise) Develop CI/CD roadmap and implement to the project built,configure and deploy CI/CD tool Jenkins a Microservices Architectures Integrate other tools in Jenkins - SVN/Git/Maven/Gradle Pull Application image from Docker Hub and deploy Volume Management in Container. Access container and configure Application through - Bash and DockerFile Configure Kubernetes and Cluster Setup

2018 - 2018

Linux Administrator
Calsoft Pvt Ltd

Key Result Area

Leading the linux team and playing role for SME. Responsible for Linux Server and Services including Virtualization platform. DNS Server Management. Install and configure staging DNS, DHCP, pxe servers in Linux. Minimize manual work by writing bash script for simple task. Supports to Virtualizations KVM-Proxmox, VMware ESXi, vCenter, vMotion and little aware about Citrix Virtualizations. SAN configuration.

2015 - 2018

Technical Support Specialist

Infosys

Key Result Area

Working on SRs, Incidents, Change Management and Problem Management

Linux OS troubleshooting, configuration and customization

Device driver installation and configuration

Installation and configure network interface, NIC Bonding

Server Monitoring: Nagios, HP performance monitor, puppet

Server health checkup and Remote administration

Linux Server installation and configuration: SSH, FTP, SVN, DNS, NFS, LAMPS

Samba server installation and configuration, AD integration

Print Server and Management, Application installation in Linux

Installation and working with MySQL

Storage: SAN, NAS, Storage Virtualization (LVM, RAID)

ESXi Installation, Configuration and ESXi SSL renewal

Installation and configuration of VM in VSphere

Installation of vCenter and configure datacenter

Create Cluster in VMware and configure DRS, RDM

2014 - 2015

Linux System Administrator

Calsoft Pvt. Ltd

Key Result Area

Installation and configuration Linux

Troubleshooting Linux

Configure Linux for end user

Installation and installation different application in Linux

Troubleshooting Linux on Kernel Level and File System.

Implementation new hardware in Linux for Driver and Customization

Add and remove application in Linux

Performance and daily health checkup of production Server

Monitor Proxmox Virtualized Production VMs

Installation and Configuration Proxmox Virtualization

Project and Virtualization Support

Installation and Configuration XenServer and XenCenter

Working on automation of work through Shell Script

Configure Basic DHCP, DNS and tomcat apache Server

Installation and Configuration and Monitor Squid Server

Installation and Configuration of Samba server and NFS Server.

Working with SAN and NAS

VMware ESXi installation and configuration, VMware vCenter,

vCenter Web Client, vSphere , vCLI

Working with MySQL, SVN server and client installation i.e.

SVN,Bugzilla,git,jira

CDH Ambari Cluster monitor, grant access, fix storage issues, addition of node in cluster for HA.

Assisting developer for Map-reduce code execution for Data Process.

2012 - 2013

Linux Engineer

Infinite Technologies

Key Result Area

Installation of Centos, Fedora, Ubuntu, Suse.
Troubleshooting OS on Kernel Level
Configure Linux on Server and Desktop
Configure YUM Local Repository Server and Customization
Offline rpm installation and Application Software.
User and Group management and authentication.
Configure user prohibition through limit and passwd-auth
Addition and Implementation of Hardware in Linux.
Configuring and managing network interface, NIC Bonding
Working with CLI and configure terminal
Installation of Specified Application as per manual in Linux.
Day to Day backup of Databases and important files.
Preventive maintenance Server Hardware and OS.
Installation and Configure LAMPS Server.
Installation and Configuration of Nagios, Cacti.
Install and Configure Linux Packages for Developer
Analyses log files for Precaution and Performance

2007 - 2012

Customer Eng(UNIX System Admn)

NCR Corporation India Pvt Ltd

Key Result Area

Maintain middle level Data Center.
Linux Administrator.
Data Management with RAID Server.
Installation of Databases on Linux OS.
Add, Configure Server Hardware and Drivers.
Monitoring Daily health checkup report physically or internally
Iptables, upgrade OS and Kernel upgrade and manage with GRUB.
Tape data backup and maintain gallery
Managing all types of installation and up gradation on Linux servers
Installation of Windows Server 2008 and configuration.
Troubleshooting with Windows Platform
Monitoring Daily health checkup report physically or internally
Installation of Windows Server 2008. Configure Windows Server 2008 for ADS and DNS