

Jerin T Jose. – Msc.IT. – Around 10+ Years in – Network and System Administration, Windows and Linux Administration, VMware and HyperV Administration, Cloud Computing – AWS, Rackspace, Azure, OpenStack.

**SkillSet:** Windows, Red Hat, Debian, CentOS, SUSE, Ubuntu & Mac, MSSQL, MySQL, Postgresql, AWS, Rackspace & Azure Cloud Computing, VMware, Citrix, Hyper-V & Virtual Box, PRTG, Nagios, Munin & Cacti, Hadoop, SAN & NAS, Cisco Routing & Switching, Sonicwall, Fortinet & Sophos Firewall and KEMP Load Balancer.



**Jerin T Jose**

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## Objective

A highly focused and self-motivated person seeking a good opportunity to work in a challenging and exciting environment. To be an integral part of a competitive work environment, which would help me grow, both on the intellectual and personal front, while contributing to the growth and success of the organization.

## Summary

- Experienced Infrastructure Lead with a demonstrated history of working in the consumer services industry. Skilled in Linux System Administration, Amazon Web Services (AWS), Azure, VMware, HyperV, Windows System Administration, Web Services, Databases, Storage and Backup.
- Experience in VMware vCenter and SCVMM, vPSC LB, vCSA HA, ESXi, vSphere Client, VM Cloning, VMotion, VMware Standalone Converter and Microsoft Virtual Machine Converter, Templates & Snapshots, Virtual Networking, Virtual SAN, vSphere HA, Fault tolerance, Virtual Standard and distributed Switch Creation, Connecting Local Data Store and Virtual Tool Hardware Upgrade.
- Experience in VMware and HyperV migration (P2V, V2V, and V2P) using VMware Standalone Converter, Microsoft Virtual Machine Converter, and Acronis backup tool.
- Experience in VMware to AWS migration using AWS Server Migration Service (SMS) Connector.
- Experience in Deployment, testing and supporting Client /Server and Web Applications and EC2 Cloud Computing.
- Expertise in Amazon EC2 technologies- VPC, EC2 tools, Instances, S3, EBS, Route53, CloudFront, CloudWatch & CloudTrail monitoring, SES, Auto Scaling and ELB.
- Experience in Rackspace and Azure – creating and managing servers and firewall. Excellent knowledge in IaaS, SaaS, PaaS and implemented a wide range of technologies.
- Linux and Windows Server administration skills including configuration and problem identification/resolution and provides support to a different team to meet their requirements.
- Support and solving network problems and software for operating systems Microsoft Windows, Linux, and MacOSX
- Installing, Configuring and Managing Operating System Windows (2003/2008/2012/2016, 2019, Windows XP, 7, 8 & 10), Linux (Debian, Centos, Ubuntu, SUSE, ClearOS) and Mac.
- Installing & Configuring VMware, Hyper-V, and Virtual box.
- Installation and management of Active Directory servers, DHCP and DNS. Experience in AD backup & restore and Additional Domain Controller (ADC).
- Good Knowledge of LAN, WAN technologies.
- Installing, Configuring and Managing hardware (Sonicwall, Cyberoam, Sophos, Fortinet) and software (IPCop, Monowall) firewalls
- Good knowledge in NAS and SAN – FreeNAS, PetaSAN, EMC, Qnap, and Synology.

- *Good Knowledge in Backup Tools – Acronis, Veeam.*
- *Concepts of the OSI reference model and IP addressing. Configurations of routers and switches.*
- *Installing, Configuring and Managing Exchange 2013, 2016 and Sharepoint 2013.*
- *Installing, Configuring and Managing System Center Configuration Manager (SCCM-2016).*
- *Installing, Configuring and Managing centralized patch management Windows Server Update Services (WSUS).*
- *Installing, Configuring and Managing Windows Deployment Service (WDS) and Microsoft Deployment Toolkit (MDT).*
- *Installing, Configuring and Managing open source bug tracking and project management tools like Redmine, Mantis, Bugzilla, Flyspray, Phabricator, Orangesrum, etc*
- *Installing, Configuring and Managing ticketing and inventory tools – OsTicket, Spiceworks, OTRS, Manage engine, SnipeIT.*
- *Installing, Configuring and Managing Database (MySql, Postgresql, Mssql, Oracle, MongoDB), Open-source CMS (Drupal, Wordpress), HRM (OrangeHRM), ERP (Odoo), Open source eCommerce (Magento).*
- *Good exposure in configuring and managing web servers (Apache, Nginx, and IIS).*
- *Installing and configuring caching technology like Memcached, Boost, and Varnish.*
- *Installation and management of Kickstart installation, OpenLDAP, Sendmail, Postfix, Openssl(CA), Mailman, OpenVPN, Samba, NFS, FTP.*
- *Good Knowledge in managing version controllers SVN and GIT repositories.*
- *Strong conceptual understanding of security, package management and remote services like telnet, VNCViewer, and SSH*
- *Installing and Managing monitoring tools like Munin, Nagios, Cacti, Monitis, New Relic, PRTG, Graylog, ELK Stack, Spunk, etc*
- *Configuring load balancing, HA and Failover, techniques like the pound, VIP and Mysq clustering.*

## Education

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- **MSc IT and Computer Science from SERT College of IT and Management Studies, Chengannur (CMJ University, Shillong) With 60%.**
- **Bachelor of Computer Application from Bangalore City College, Bangalore (Bangalore University, Bangalore) With 61%.**
- **HSE from Bishop Hodges Higher Secondary School, Kerala, With 73%.**

## Certification

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- **Cisco Certified Network Professional – CCNP (CISCO ID # CSC011708573).**
- **Microsoft Specialist: Server Virtualization with Windows Server Hyper-V and System Center Specialist (MCID # 10767582).**
- **Microsoft Specialist: Implementing Microsoft Azure Infrastructure Solutions (MCID # 13359057).**
- **Microsoft® Certified Solutions Associate: Windows Server 2008 (MCID # 7710654).**
- **Microsoft Certified Information Technology Professional – MCITP (MCID # 7710654).**
- **Microsoft Certified System Engineer with Exchange – MCSE (MCP ID # 3040273).**
- **ITIL® Foundation Certificate in IT Service Management- ITILF (ITIL ID # EXN4889660).**
- **AWS Certified SysOps Administrator– Associate – (Certificate AWS-ASOA-4681).**
- **EXIN Cloud Computing Foundation – CLOUDF (EXIN ID # EXN4889660).**
- **cPanel & WHM Administrator Certification – (ID # 235889481751468652924).**
- **cPanel & WHM System Administrator I Certification – (ID # 237789481761468911492).**
- **Red Hat Certified Engineer – RHCE (Certificate Number # 130-226-509).**
- **Accredited Configuration Engineer (ACE) Exam - PAN-OS 8.0 Version.**
- **Fortinet: NSE 3 Network Security Associate (Certificate Number # RFvIEJIZWm).**
- **Sophos Certified Engineer.**
- **KEMP Certified Professional (KCP).**
- **VMWARE vSPHERE 6.5 Foundations.**
- **AWS Technical Professional (Digital)**
- **Acronis Backup Specialist**

## Professional Experience

**Company** : *Al Musbah, Saudi Arabia.*  
**Designation** : *Infrastructure Lead – IT Systems and Cloud.*  
**Period** : *From May 2015 to Current.*



**Company** : *Nalashaa Solutions, Bangalore.*  
**Designation** : *Sr. System Administrator.*  
**Period** : *From April 2014 to May 2015.*



**Company** : *Sourcen India Pvt Ltd, Bangalore.*  
**Designation** : *System Administrator.*  
**Period** : *From July 2012 to April 2014.*



**Company** : *Digital Infosys, Kerala.*  
**Designation** : *Network and System Engineer.*  
**Period** : *From June 2009 to June 2012.*



**Company** : *TATA Communications Internet Services Ltd, Bangalore.*  
**Designation** : *Network Administrator.*  
**Period** : *From June 2008 to April 2009.*



## Technical Skills

<b>Operating System</b>	Linux (Red hat, Centos, Debian, Ubuntu, SUSE), Microsoft Windows, MAC.
<b>Virtualization</b>	VMware ESXi 5.5, 6.0, 6.5 and 6.7, HyperV, Virtual Box, Managing Virtual Datacenter.
<b>Cloud Computing</b>	Amazon Web Services, Rackspace, Azure.
<b>RDBMS</b>	MySQL, MSSQL, Postgresql.
<b>Database Tools</b>	SQLYog, MySQL Administrator, MySQL Workbench, Todd, PgAdmin, PHPMYAdmin.
<b>Languages &amp; Scripting</b>	Shell Scripting, HTML.
<b>Web &amp; Application Servers</b>	Apache HTTP Server, IIS, Apache Tomcat, Nginx, Apache Solr, Hadoop, Rails.
<b>Mail Servers</b>	Sendmail, Postfix, Zimbra, Squirrelmail, Exchange 2013 & 2016.
<b>Proxy Server</b>	Squid.
<b>Monitoring Tools</b>	Nagios, Cacti, Munin, Newrelic, Monitis, PRTG.
<b>Firewall</b>	Iptables, IPCop, Sonicwall, Cyberoam, Monowall, Fortinet, Sophos.
<b>Antivirus</b>	Traps, Cylance, Sophos, ESET, Symantec, McAfee.
<b>Load Balancer</b>	KEMP LoadMaster.
<b>Logs and Monitoring Tools</b>	PRTG, Nagios, Cacti, Munin, LogRhythm, ELK, Alien Vault.
<b>Analytics and Dashboard</b>	Grafana.
<b>Storage</b>	QNAP, Synology, EMC, FreeNAS, PetaSAN.
<b>Backup Tools</b>	Acronis, Veeam.
<b>Migration Tools</b>	VMware Standalone converter, AWS SMS Connector, Microsoft Virtual Machine Converter, Acronis.

## Functional Skills

### System Administration

- ✓ Managing disk space, user profile creation, and user rights management.
- ✓ Managing logical volume; setting up ACLs and Disk Quotas.
- ✓ Designing the backup strategy, ensuring scheduled / unscheduled backups as per the backup plan.
- ✓ Scheduling jobs with crontab; setting up RAID devices.
- ✓ Responsible for user management/ server maintainers/ web server/ mail server, etc.

- ✓ Setting up NFS, HTTP, SAMBA, DHCP, FTP, and DNS Servers.
- ✓ converter
- ✓ Responsible for the configuring and tuning the Apache Server, Nginx, and Mysql.
- ✓ Implementing group policy and security policies; configuring TCP/IP protocol suite.
- ✓ Configuring Cluster Setup and mounting the process

### Database Administration

- ✓ Managing database administration related functions involving in installation, configuration, upgrading, and patching of MySQL and MSSQL server.
- ✓ Handling disaster recovery management, supervising the technical team to restore database during system failure. Database / SQL tuning, performance monitoring, and troubleshooting.
- ✓ Designing database architecture; monitoring & administering MySql installations as well as applications.
- ✓ Loading data into a database using export and import.
- ✓ Transporting data between databases; assessing current and future storage requirements.
- ✓ Building test database; responsible for standby database management.
- ✓ Maintaining user connectivity and configuration.
- ✓ Looking after patch installation and security management.
- ✓ Resolving database start-up problems and database re-organization.
- ✓ Maintaining the availability of database by designing backup and recovery strategies.

### Interpersonal / Professional Development skills:

I possess good written and verbal communication skills and the ability to deliver what a company promises under pressure. Being extremely self-motivated, I have a desire for rapidly acquiring higher levels of responsibility commensurate with newly acquired knowledge and demonstrated expertise.

### Personal Details

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|-------------------------|-----------------------|
| 1. Name                 | : <b>Jerin T Jose</b> |
| 2. Sex & Marital Status | : Male, Married       |
| 3. Date of Birth, Age   | : 25-March 1985, 34.  |
| 4. Nationality          | : Indian              |
| 5. Passport Number      | : S9851061            |

### Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Jerin T Jose  
Place: Saudi Arabia