**Nikhil Tunk**

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**OBJECTIVE**

Seeking a career in a progressive organization with good learning opportunities and a rewarding career, where I can utilize my skills and potential to contribute positively towards the growth & prosperity of the

organization.

**PROFESSIONAL SNAPSHOT**

* Currently working in **National Stock Exchange of India**
* A dynamic professional with **2+ years** of experience in **Linux** and **VMware** infrastructure.
* Installation, configuration and administration of **RHEL 5/6** and **VMware Esxi 4/5**
* Installation and configuration of **Stratus Fault tolerant** servers
* Hands on experience in configuring **VMWARE DRS,VMOTION** and **ESXi clustering**
* Setting up **protection groups** and **recovery plans** and configured **SRM** and **VSphere Replication**
* **P2V migration** of production servers as per application team requirements
* Monitoring Virtual Machine resources through **VCOPS** and Virtual Machine rightsizing for efficient use of virtual resources such as CPU and Memory
* Installation and configuration of **Redhat Satellite 5.6**
* **Patching** of critical vulnerability such as **SHELL SHOCK,GHOST,TZDATA** etc. with Redhat Satellite to **close VAPT**
* Creating activity plan and sharing it with application team
* Planning for version upgrades and testing compatibility with application teams.
* Carrying out regular fail-over, DR-drill and various testing for high availability
* Participated in **BCP live trading** at Chennai
* Working knowledge of **change management** and **ITIL processes**
* Active participation in POC of new products and presenting it to upper management
* Server and VM hardening with post checks before releasing to application team
* Configuring **Multipathing,HDLM and powerpath** for I/O failover
* Monitoring & troubleshooting performance related issues to mitigate production impact and creating **RCA** for the same
* **Kernel re-configuration** & **parameter tuning** as per application requirements
* User and group administration
* Creation **LVM Striped file systems** on newly assigned LUNs by SAN team on production servers
* Creating network bonding for redundancy and failover
* Performance tuning of **Mellanox 10G cards** for low latency and maximum throughput
* Granting **SMTP(Postfix)** access to clients to send mail inside and outside of organization
* Automating day today work through **EPSILON WORKFLOW**
* Monitoring Linux servers with HPOML **console** and immediate escalation in case of any production issue to reduce business impact
* Creating 2 PASS backup in **Veritas Netbackup** and configuring Media servers with Tape libraries
* Good interpersonal skills, committed, result oriented, hard working with a Quest and zeal to learn new technologies and to perform challenging tasks and capable of working under tight project deadlines

**WORK EXPERIENCE**

**Current Organization**

* Company Name : **NSE IT**
* Duration : February 2014 to till date
* Designation : Engineer
* Location : Mumbai, Maharashtra

**Silent features of National Stock Exchange**

* NSE has a primary data center (PDC) and Near DR in Mumbai and corresponding DR(Disaster Recovery) site in Chennai
* Setup of NSE consists of Redhat Linux and HP UX servers which are under SAN based replication at DR site supported be Veritas Netbackup.
* NSE has Hitachi and EMC storage environment.
* NSE has a private cloud to mitigate disaster through VMware vSphere replication
* Redhat satellite is used for patch management.
* NTP device is used to sync time through GSM and CDMA network

**Technical Responsibility**

* Physical and virtual Server administration of production ,development and DR sites
* Installation and hardening of Redhat Linux servers and releasing to application team
* Hands on experience in setting up SRM and Vsphere replication of production servers
* Exporting and Deploying OVA templates.
* P2V (Physical to Virtual) migration of servers as per application team requirement.
* VM rightsizing for efficient use of virtual resources
* Hands on experience in configuring DRS, VMotion & HA.
* Patching Critical vulnerabilities through Redhat satellite
* Centralized command execution and configuration file deployment through Redhat Satellite server
* User and group administration on Linux and HP UX servers.
* Knowledge of SAN (FtScalable Gen-2), LUN assign, vdisk / volume creation
* Configuring Syslog and Logrotate as per application user requirement.
* Configuring and scheduling cron jobs on Linux Servers.
* User Management & Administration
* File system management and administration
* Creating SOP (Standard Operating Procedure) and sharing it with team members
* YUM configuration and repository creation
* Configuring clients to sync with NTP device
* Installing and configuring Hitachi Dynamic Link Manager and EMC Power Path utilities.
* Creating striped LVM partitions on assigned LUNs by SAN team
* Redhat Linux cluster administration
* Route addition on production servers
* Configuring Veritas Netbackup Master and media servers
* Installing Veritas netbackup clients and configuring daily and Weekly backup policies.
* Opening cases with Redhat and VMware for issues analysis.
* Automating DR drill through Epsilon work flow

**Previous Organization:**

* Company Name : **MindCraft Software Pvt. Ltd.**
* Project : **IndusInd Bank**
* Duration : February 2013 to February 2014
* Designation : Consultant
* Location : Mumbai, Maharashtra

**Technical Responsibility**

* Installation and configuration of Linux for new build environment
* YUM and RPM Software Management
* Disk Partioning and LVM Management
* Creating file system and configure to available network through NFS
* FTP creation and management
* User and Group Administration
* Setting file and directory level permission
* Monitoring all UNIX/Linux flavors like Redhat Linux,CentOS,IBM AIX
* Provide daily reports of server performance for tracking purpose
* Monitoring Finacle, WebSphere Application Server and MQ

**EDUCATIONAL QUALIFICATION**

* **B.E.** in **Information Technology**, 2009-2012 (Shivaji University, Kolhapur)  
  Dr. J J Magdum College of Engineering, Jaysingpur
* **Diploma** in **Information Technology**,2006-2009 (MSBTE,Mumbai)

Solapur Education Society Polytechnic, Solapur

* **SSC**,2006 (Pune University)

Saint Joseph High School, Solapur

**PERSONAL INFORMATION**

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| * Date of Birth : 24th Feb 1990 * Marital Status : Single * Passport : Available * Address : Flat no. D-70,Dattani Park, Kandivali East,Mumbai |
|  |
| Date |

Place: Mumbai (Nikhil.S.Tunk)