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# MOHD AIZAZ MAKANDAR

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## PROFESSIONAL SUMMARY

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Dynamic and Self motivated System Reliability Engineer/ System Administrator looking for DevOps profile

## SKILLS

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System Administration  
Puppet  
Python  
Verdad

Kickstart/PXE Boot  
DHCP and configuration  
Splunk , Nmsys, Nagios  
NFS, FTP & NTP server configuration

## WORK HISTORY

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**Site Reliability Engineer / System Administrator**, 08/2011 to Current

**Tata Consultancy Services Ltd.** – Bangalore, India

- Management and Monitoring of more than 90k + linux servers in production and QA servers.
- Using third party tools like smartctl , MegaCli, mdadm , hpacucli , hpsmcli to diagnose Disk issues , managing Hardware LSI RAID's and Software RAID's and checking integrated management logs.
- Configuring servers from scratch using **Kickstart/PXE Boot**, and **Puppet & Verdad** for pushing configuration as per Apps team request. Maintaining the health of the server round the clock efficiently.
- Using Ad-hoc utilities like iostat, netstat , top , sar ,free to collect information system activity and generate reports to observe Disk, CPU, Swap and network subsystems
- Troubleshooting the issues pertaining to OS and system related issues that include CPU & Memory Usage, Inode Usage, Volume Usage, NFS mount issues, Network latency, NTP Lagged Time, and Disk Usage.
- Operate and troubleshooting issues in running systems, including booting into different run levels, identifying processes, and controlling services, DNS and DHCP issue, LDAP, SSH, HTTP, **Package management, Puppet issues**, Network issues, **Drive/disk issues**.
- Maintaining storage using RAID(software and hardware) and LVM(logical volume manager).
- Using **Python** for server end automation.
- Creating VIP's for various environments on request basis.
- Working knowledge of **Verdad and Puppet**.
- **Hardware: HP, IBM, ZT, Quanta, EMC Isilon, TMS Storage, Filers**
- **Languages: Python**
- **Special Software: Splunk, Puppet, Verdad, Espresso, Epic, Nagios, Radar, Carnival, Nmsys, Ninja**

## EDUCATION

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**Bachelor of Engineering:** Electronics and Communication, 2011

**Kendriya Vidyalaya No.2** - Belgaum, Karnataka

## CERTIFICATIONS

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Redhat Certified System Engineer in RHEL6

Attended workshop on DNSSEC Implementation.

## AUTOMATIONS OR PROCESS IMPROVEMENT(S) IMPLEMENTED

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Python (with Apple Script) for GDCS template automation in Espresso Application.

Python Health-check script for Cassandra Application Servers

Python script for OOB(C-Name) scanning.