**BHANU PRASAD KAKARLA** 

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**CAREER OBJECTIVE**

Seeking a position in a dynamic and challenging environment where there is an opportunity of self-improvement in technical, individual and group based work that will ultimately lead to the further development of my career and of the organization.

**PROFESSIONAL SUMMARY**

* Having **5 years** of experience in **Linux Administration** along with **Change and Incident Management**.
* Expertise in Security Implementations**,** Capacity Planning and Performance Optimization.
* A professionally qualified and experienced person with extensive knowledge and strong technical skills in handling **large scale Server** Administration, **Server Security** Administration.
* Working knowledge on **PCI** Compliance Environmentand**ITIL** process Environmentsareadded advantage.
* Good exposure on **Linux Server Configurations** and **Troubleshooting**.
* Good knowledge on Linux, Windows and acceptable knowledge on CISCO environment.
* Handled **200+** Servers efficiently.
* Working Knowledge on **Load Balancers**, Streaming Servers Environment and Familiar with RTSP protocol.
* Handled Hardware Servers like IBM, DELL and HPvendors.
* Working Knowledge on Hardware RAID 0 & 1 & 5 configurations.

**CORE COMPETENCIES**

* Server Security & Hardening
* Linux , Windows and VMware Administration
* Patch Management
* Change & Incident Management
* Technical Documentations
* Assets & Vendor Management
* RCA (Root Cause Analysis) Preparations
* Manage Audit Trails
* Complex Problem Solving
* R & D in New Technologies
* Tasks Automation
* Cluster Configurations
* Load Balancers
* Citrix
* Puppet
* Amazon Web Servies
* Open Stack
* Big IP F5
* Rack Space Cloud DNS
* HA Proxy
* Git Lab

**TECHNICAL SKILLS**

**Systems & Security Administration**

* Expertise in Installation and Securing of Several LINUX flavors like Red Hat, Centos, Fedora, Ubuntu and

Open SuSE … etc. for different version levels.

* Expertise in bare metal provisioning and bare metal imaging.
* Expertise in Administrating users and groups, Enhancing user security and Deploying file sharing services.
* Managing file systems, logical volumes, access control, and package management.
* Expertise in Managing and securing files, controlling user and file access.
* Expertise in Installing and managing services and processes, Disk management.
* Expertise in System and network activity monitoring, Network configuration, Troubleshooting, Network management and Packet Filtering.
* Expertise in Software, Web Server Management, Database Services Configuration and Management.

**Monitoring**

* Expertise in Configuration of Infrastructure Monitoringusing Open Source Monitoring tools like **Nagios**, **Cacti**, **and MRTG**.
* Expertise in Configuration of Commercial Monitoring tools like **MONYog** (Database Servers Monitoring), **OpManager** (Servers and Network Monitoring), **Skybot** Job Scheduler(Centralized Cron Job Automation and Monitoring) and
* **Alert Logic –** Log Manager for centralized log Analysis.
* Expertise in Configuration of **OSSEC** is an Open Source Host-based Intrusion Detection System that performs log analysis, file integrity checking, policy monitoring, rootkit detection, real-time alerting and active response.
* Expertise in Configuration of **SPLUNK** which is used for searching, monitoring, and analyzing machine-generated big data, via a web-style interface.
* **Alert Site** (A Global monitoring tool)
* **Site Scope** (Internal url monitoring tool)

**EDUCATIONAL EXPERIENCE**

**BTech (C.S.E)**, First Class (2008) from JNTU Hyderabad

Got trained in **MCSE, RHCE, RHCVA, VMWARE ESX.**

**PROFESSIONAL EXPERIENCE**

**INDMAX IT SERVICES (HYDERABAD) (SENIOR SYSTEM ADMINISTRATOR ) (DC OPS-TIER 3)** May 2014 - Till Date

* Serve as subject matter experts in areas of **systems administration, database administration, storage administration, vmware/virtualization management**
* Lead configuration management and automation
* Support deployment and application Support for production and non-production environments
* Administration of business critical tools like **JIRA, GIT, Confluence, ReviewBoard**
* Administration of Load Balancers, monitoring tools, operational tools like **Gazzang** for encryption, SSL certificates
* Responsible for uptime/availability, performance of services, environments, application
* Escalate issues to domain owners and manage communication up with the chain with other departments
* Work with customers, partners on issues like SFTP, third party service integration
* Work on all Production related RFCs and deployments
* Check the production PM sync job and if it fail perform manually through an RFC ticket
* Check the production DB replication and check with DBA if needed.
* Creating Jira Projects and other jira project tasks
* Review the L2s work and requests
* Root cause analysis of the incidents.
* Storage Administration (Nimble, SAN etc).
* Database administration (**mysql, postgress and mongo db** etc).
* Application administration
* Load balancer administration
* Apache configuration
* Lead the projects and assigning project sub tasks to L2s
* Train L2s and L1s on all Monitoring tools and other tasks.
* Documentation of the resolving procedure for high priority incidents and update to the Intranet.
* Updating the knowledge-base to enhance the skills of team members.
* Work on OS related or Application issues escalated by L2s
* Troubleshooting, configuring, deploying and administrating the servers(Web, application and database).
* Coordination with the L1s and L2s.
* Work on New servers caging and cabling
* Coordinating with NetSec for networking and security related tasks.
* Maintaining **Verdasys -data leak protection, gazzang - encryption , informatica data masking , beyond trust** and other tools
* Maintain and improve consistently high customer satisfaction (7\*24\*365 on call support
* Mangement and troubleshooting of servers thorugh **IDRAC’s, Vmware**.
* Management of 2 factor authentication through RSA Authentication Manager.
* Automation of daily routine tasks trhough writng **shell scripts and puppet**.
* Mangement of instances through **Amazon Web Services**.
* Maintaning and confugration of monitoring tools like Site Scope, Zabbix, Cacti,Alert Site,Nagios.
* Deployment of codes in various environments through Jenkins,Capistrano,Gitlab,Git.

**Adaptive Payments India Pvt. Ltd., Hyderabad (Linux System Administrator)** October 2013 – March 2014

***Roles and Responsibilities:***

* Handling Servers **Hardening & Application** implementation at hosted Data Centers as per PCI DSS regulations.
* Successfully handled **PCI DSS** compliance requirements of the environment for the last **2 consecutive years** and made the environment 100% compliant.
* Configuring**SSO** Authenticationusing **WINBIND, SAMBA** services onLinux **f**orActive DirectoryUsers.
* Configuration of **Red Hat Cluster Services** on RHEL6 using High Availability aload and Resilient Storage Add-On’s for **MySQL** Database Service.
* Configuration & Management of **DRBD** (Distributed Replicated Block Device)**, Heartbeat** High Availability for MySQLService.
* Designed and deployed customized **ITIL** Standard Open Source tool called **OTRS** (Open-source Ticket Request System)for **Change** and **Incident** Management**.**
* Managing & Supporting Back Office Reports.
* AutomatingSeveral System Administrative tasks using **Shell Scripts**.
* **Skybot** Job SchedulerConfiguration and Management for Centralized JobAutomation.
* Conducting **Bug** and **Security Fix** Patch Assessment on a regular basis related to Operating System, Applications and advice internal teams accordingly to fix any findings or apply the Patches**.**
* Interfacing with Hosted Data Center Teams to design and build the Infrastructure for Product Deployments.
* Monitoring the environment using tools such as **NAGIOS, OSSEC, OpManager, MONYog** and **SPLUNK.**
* Regular Backup of Server files using **MozyPro** online backup.

**HCL TECHNOLOGIES – CHENNAI (SPECIALIST)** October 2012-2013

* Working on assigned tickets within the SLA.
* Performing Requests within SLA with proper approval.**,**User Administration for multiple servers.
* **Patch Management** of Redhat Servers using Redhat Satellite Server.
* Attending **Daily Operation Review** call and explaining the outages .
* Maintaining the daily log review related to tickets, **SCT2 report (Error Review Report)**
* **Websphere Administration** ( Starting and restarting node agents, Generation of heap dumps and core dumps, SSL certificate renewals)
* Performing, troubleshooting backup restore using **Tivoli Storage Management.**

Achievements: **Awarded as Ford best Performer for the Academic Year 2013 ( PRO SME)**

**IIC SERVICES INDIA PVT LTD - HYDERABAD (SYSTEM ADMINISTRATOR (UNIX)** September 2009-2012

* Installation of both windows and linux servers through network using pxe and kickstart.
* Administration of both windows servers and redhat linux servers, antivirus administration using Symantec end point console
* Giving technical support to dialer servers, troubleshooting dialers.
* Hardening and patch management of both windows servers and linux servers
* Domain administration and troubleshooting problems related to various services of linux.
* Securing the desktops and linux servers using **Ipcop and pfsense** firewalls
* Administration of windows 2003 and 2008 servers.
* Played an important role in **PCI compliance certification for Client named Adaptive Payments (Off Shore Client).**