

## Bharath K R

Vishnuvardhan statue opp,  
Sharada Nagar,  
Yelachenahalli, Banashankari  
Bangalore - 560078

Mobile : **+918105501132**

Email : **[bharathachar31@gmail.com](mailto:bharathachar31@gmail.com)**

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### PROFESSIONAL SUMMARY:

- 3.8 Years of total experience in **Linux System Administrator/Implementation Engg.**
- Excellent Knowledge on Red Hat/Ubuntu/SUSE/Debian/CentOS Linux and networking.
- Administrating DHCP, DNS and SAMBA services in Linux. Maintaining and Troubleshooting server issues and Writing simple scripts in BASH.
- Maintaining monitoring tools like Nagios, Splunk, Stats and Monyog. And Monitored CPU, memory, hardware, Software operating system.
- Expertise in handling Linux servers, Web server, Email servers, Proxy servers, Database servers.
- Good Knowledge on Docker, Docker Container.
- Good Knowledge on Zabbix server, Zabbix client and Grafana.
- Installed and configured Nagios to constantly monitor network bandwidth, memory usage, and hard drive status.
- Build and configure Hadoop Servers.
- Knowledge in Installing, Configuring, administering and operating Hadoop clusters
- Having good knowledge in Hadoop HDFS Framework, MAP Reduce.
- Good understanding of Apache Hadoop.
- Monitor and manage Hadoop system performance.
- Installation and Configuration of Jenkins.
- Good Knowledge on Jenkins and GIT.
- Maintain various documents and reports to assist higher management getting actual health and status of production environments.
- Strong Analytical Skills and good team player with excellent written, verbal, and interpersonal skills.
- Ensured timely resolution of assigned problem tracking tickets.
- Planned, scheduled, managed, tracked, and set direction for selected business systems and processes.

### TECHNICAL SKILLS:

- Red Hat/Ubuntu/SUSE/Debian/CentOS Linux.
- Networking.
- Big data.
- Hadoop Distribution----- Apache, Hortonworks and Cloudera Hadoop.
- Knowledge in Installing, Configuring, administering and operating Hadoop clusters
- Hadoop cluster setup, installation, and configuration and administration experience of multinode cluster using APACHE AMBARI for HORTONWORKS distributions.
- Excellent knowledge of Hadoop architecture, administration, and support, including HDFS, Zookeeper, MapReduce, YARN.

- Hadoop eco system such as HDFS, MapReduce, HBase, Zookeeper, Pig, Hadoop streaming, Sqoop, oozie and Hive.
- Monitor and manage Hadoop system performance.
- Zabbix server, Zabbix Client and Grafana.
- Docker, Docker Container.
- Basic python and bash shell scripting.
- Basics of HTML5, CSS3 and PHP.
- Devops Tools----- Jenkins, GitHub.
- Installation and configuration of Jenkins in Linux and Windows.
- Good Knowledge in version control systems like GIT
- Monitoring Tools-----Nagios, Splunk, Stats, NewRelic and Monyog.
- Installed and configured Nagios to constantly monitor network bandwidth, memory usage, and hard drive status.
- Virtualization----- Vmware, Virtual box.
- Apache and Nginx.
- Dovecot, Postfix, Samba.
- Solid Knowledge on Putty Connection.
- Data Migration.
- Implementation of Nextcloud and Owncloud.
- OSI layers and TCP/IP Protocol.
- Infrastructure Services -----DHCP and DNS.
- Network managements ---- SSH and TELNET.
- VPN Connectivity.
- IPTABLES Rules -----Accept, Drop, Forward, Postrouting and Prerouting.

## PROFESSIONAL EXPERIENCE:

**Nearly 3.8 years of experience.**

- 1) Company Name : **Trinity Mobility Pvt. Ltd. Bangalore.**  
 Designation : **Implementation Engineer.**  
 Duration : **Jun 2020 to till date.**  
 Work experience : **8 Months**

Working with Trinity Mobility Pvt. Ltd from last 5 Months from Bangalore Location as Implementation Engineer. Here working in Hadoop (Big data), Jenkins, Ansible Docker container and SVN.

- 2) Company Name : **Yukthi Systems Pvt. Ltd. Bangalore.**  
 Designation : **Linux System Administrator.**  
 Duration : **Apr 2018 to May 2020.**  
 Work experience : **2 years.**

Worked with Yukthi Systems Pvt. Ltd from last 2 years from Bangalore Location as Linux System Administrator. Administrating DHCP, DNS and SAMBA services in Linux. Maintaining and Troubleshooting server issues and Writing simple scripts in BASH.

- 3) Company Name : **Arrin Solutions. Coimbatore.**  
Designation : **Linux System Administrator.**  
Duration : **Mar 2017 to Mar 2018.**  
Work experience : **1 year.**

Worked with Arrin Solutions. for 1 year. Maintaining monitoring tools like Nagios, Splunk, Stats and Monyog. And Monitored CPU, memory, hardware, Software operating system.

## PROJECT:

- **Implementation of Nextcloud :**Nextcloud is a suite of [client-server software](#) for creating and using [file hosting services](#). Nextcloud application functionally is similar to [Dropbox](#). Unlike Dropbox Nextcloud does not offer off-premises file storage hosting. Nextcloud is [free and open-source](#), which means that anyone is allowed to install and operate it on their own [private server](#) devices.

## Requirements :

SSH 'root' access to your server.

MySQL or MariaDB 5.5+; PostgreSQL version 9 or 10; PHP version 7.0, 7.1 or 7.2.

Apache version 2.4 with mod\_php or Nginx (php-fpm) web server.

## ROLES AND RESPONSIBILITIES:

- Linux OS installation.
- Maintaining and configuring of Linux Email server, File server, FTP.
- Solving server level problems of clients.
- Monitoring Email relay servers.
- Installation and configuration of Bigdata.
- Installation and configuration of Jenkins.
- Installation of Logging and Monitoring.
- Installation and configuration of Zabbix server and Zabbix Client and Grafana.
- Monitoring both Ubuntu and Windows servers.
- Installation of Docker Container.
- Automating repetitive tasks and checking on them regularly.

- Keeping an eye on Servers health status.
- User management, File management and Disk management.
- Basic Network Administration.
- Generating VPN certificates.
- Installing and configuring Apache and Squid proxy.
- Configuring Samba and managing file share permission
- Setting up mail server with Postfix, Dovecot, LDAP and Roundcube/SOGo webmail.
- Troubleshooting on ssh related issues.
- Data synchronization between two servers using rsync.
- Configuring and managing Docker container.
- Monitor and troubleshoot the issues logged via monitoring tool Nagios
- Monitoring the Servers/Network components /Storage devices and troubleshooting the various issues.
- Creating managing file systems, administering the File Systems (Ext2, Ext3, Ext4).
- Ensuring that the network infrastructure is up and running.
- Installation of RPM packages as and when required in Linux Servers.
- Remote administration and monitoring of the Server using the tools like SSH, TELNET.
- Performance monitoring and troubleshooting.
- Good understanding on network, kernel, CPU, memory, disk etc.
- Day to day monitoring of system logs, CPU memory utilization, process management and metrics analysis.
- Provided management of system process in areas like boot process, startup and system shutdown.
- Recognized and diagnosed hardware and software failures while performing troubleshooting.
- Solved minor/major issues related to hardware and computer peripherals.
- Created back up of firm's database, as protection from hardware failure or data loss.
- Configuration WebDAV access in Windows systems.
- Apache HTTP administration
- Troubleshooting System and Network related issues.
- Mail migration using Offline IMAP.
- Configuration of Outlook.
- Job scheduling using crontab.
- Ensured timely resolution of assigned problem tracking tickets.
- Planned, scheduled, managed, tracked, and set direction for selected business systems and processes.
- CPU, RAM and hard drive performance testing.
- Allowing and blocking of sites in squid.
- Designed, implemented, and managed daily backups, upgrades, and daily reports.
- Manage Active Directory, which involved creating and modifying accounts, establishing permissions, resetting passwords, and ensuring proper access to network resources such as file shares.
- Provide prompt and courteous technical support to all Staff and Clients.
- Updated user accounts and maintained backups
- Storage management.
- Network management and planning.
- Install and maintain numerous servers and sites based VPN infrastructure.
- Customer communication.
- Assisted with troubleshooting Internet connectivity for Corporate and Partner Sites
- Maintain 24 hours operations, and ensure 99.9% uptime for the servers.

**PROJECT DETAILS:**

- Project Title : Anti-piracy screen with VLC.
- Description : Avoiding the piracy in the theaters by placing IR LED's behind the screen.

**ACADEMIC QUALIFICATION:**

| Degree/<br>Course | Institution                                      | University / Board                          | Year of<br>Passing | %of Marks |
|-------------------|--|---|--------------------|-----------|
| B.E<br>(ECE)      | KS Institute of<br>technology,<br>Raghuvanahalli | Visvesvaraya<br>Technological<br>University | 2016               | 64%       |
| PUC               | Rural PU college,<br>Kanakapura                  | State Board                                 | 2012               | 62.50%    |
| SSLC              | Jnanavahini<br>High school,<br>Kodihalli         | State Board                                 | 2010               | 80.96%    |

**PERSONAL PROFILE:**

Father's Name : Ramu  
Date of Birth : 31-07-1994  
Gender : Male  
Marital status : Single  
Languages Known : Kannada, English  
Nationality : Indian  
Postal Address : Achar street,near kalikamba temple,Kodihalli(p&v),  
Kanakapura(tq),Ramanagar(dist).

**DECLARATION:**

I hereby certify that the information above is true and correct to the best of my knowledge.

Bharath K R