



Md. Mahfuzur Rahman

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Career Objectives:

I am self-motivated person having strong leadership, negotiation, interpersonal skills and desired to hold a technical position in the field of Information Technology which offers challenges and will utilized my proven skills, knowledge and broad experience in computer network & System design, configuration, maintenance, troubleshooting and administration.

Professional strengths:

- Possess over 8 years of experience in designing, implementing & maintaining enterprise level network and systems.
- Ability to handle multiple tasks and work under pressure
- Possess extensive knowledge of backup and restore, Network and System Security, designing and implementing ACL, firewall, IPS, IDS & IT automation.
- Ability to explain technical concepts and communicate with system administrators and clients at all levels.
- Familiar with onsite data center support like monitoring electrical power, systems alarms, network alerts, server administration, access logs, etc.
- Ability to solve complex problems in a multi-platform environment
- Possess excellent verbal and written communication skills
- Ability to lead technical teams and manage changing priorities
- Possess good management and organizational skills

Technical strengths:

Redhat/CentOS/Fedora/Ubuntu/FreeBSD: Depth Knowledge in Redhat/CentOS /Fedora/Ubuntu and other distributions.

DNS (TSIG), LAMP, Apache, Tomcat – Clustering, Replication, Postfix / Sendmail / Dovecot (SSL/TLS), Proxy, OpenSSL-CA, GnuPG, NFS, Kerberos, LDAP (SSL, Replication, Migration NIS, ACL), SELinux, iptables, PAM, MySQL (Cluster, Master-Slave, Master-Master, Multi-Master replication), Linux LVS, RedHat Enterprise Clustering and Storage Management, Asterisk, Digium, Nagios, Zabbix, Cacti, Centeon, Shell Scripts, Plesk, CPannel, ISPConfig, etc.

DevOps:

Skilled with Ansible - module, playbook and roles to implement complex playbook. Well experienced with Docker based Container, Docker Machine, DockerFile, Docker Swarm. Worked with Container based cluster like Kubernetes. Experienced with machine learning along with CI/CD, Jenkins, GIT etc. Well versed in Cloud & Virtualization

Oracle Solaris:

Experienced with Solaris M-Series and T-Series servers administration. Poses good knowledge of ILOM, XSCF, SVM, Mirroring, Patching, etc. Familiar with Oracle iPlanet, GlassFish, LDOM, Oracle DB, and other services.

Windows Server:

Wide knowledge and demonstration technical proficiency with the Microsoft systems center family of products. Very good experience with Microsoft Management Server and Microsoft Operations Manager and other Microsoft Management technologies.

Install, configure and troubleshoot Microsoft Active Directory and Microsoft Exchange Server, DNS and DHCP Server, IIS Server, ARR, URL Rewrite-Redirect, Reverse Proxy, SSL, MSSQL Clustering & Mirroring, etc.

Networking:

Hands on experience to work and implement CISCO, JUNIPER, FortiNet, Barracuda, Sophos UTM based networks. Expert skills and knowledge in network architectures and topologies, Well versed in OSI model Layer. Worked with various Router OS like Mikrotik, PfSense, Utangle, etc.

Security:

NextGen Firewalls, UTM, IPS/IDS, IPtables, TCP-wrappers, IP-sec, Pluggable Authentication Module, SeLinux, Packet-tracer, ACL's, EMail Filtering, AntiVirus, Wide Knowledge in various protocols that used in Cryptography, etc.

Cluster and Virtualization:

Have a Good concept of Clustering in multiple environments - Fail Over, Load Balance and Performance based Cluster, etc.

Well experienced with Cloud, Virtualization & Container based virtualization: Docker, Vmware ESXi, Linux (KVM & XEN), Solaris LDOM & Zones, XEN Server, Windows Hyper-V, OpenStack, etc.

Database and Language:

Expert Knowledge in **LDAP**, good knowledge in **MySQL**, able to install and configure **Oracle**, **Cassandra**. Experienced with MySQL/MSsql master-master & master-slave replication/mirroring/load blanching. Good Knowledge in Scripting in bash, PHP, yml, HTML, etc.

Backup & Restore:

Careful study of various backup (Symantec, ShadowProtect, Clonezilla, Veeam, Acronis) administration guidelines and configurations and the best way to apply them to an organization's benefit. Knowledge in creating backups for enterprise environment. Close monitoring of backup and disaster recovery systems and how to apply and upgrade to an organization's benefit.

Professional Experience:

Year of Experience : Over 8 Years

Company Name : WizVision Pte Ltd
Address : 31 Ubi Road 1, #07-01 Aztech building
Singapore 408694.
Position Held : Sr. System Engineer
Duration : August 2012 to Till Now

Responsibilities : Leads the design, implementation, and maintenance of complex solutions. Develops and analyzes complex system standards, and recommendations to maximize system performance. Develop strategies to manage the backup and disaster recovery plan to protect an organization from the effects of significant negative events.

Implementing network security measures, risk assessment, incident response plans to ensure IT infrastructure meets existing & future requirements.

Work closely with IT staffs at client locations to observe and recommend on backup and restores, creating test environments, application updates and apply PTF's (Program Temporary Fixes) to applications.

Skilled in System and System Service Administration RedHat, Fedora, CentOS, SUN Solaris (T & M Serie Server, ILOM, XSCF, LDOM, Mirroring, Patching, configuring various services. etc.), TrixBox, Ubuntu, Debian, FreeBSD, ESXi 4&5, XenServer, Windows (2003, 2008)

Working with various servers and application like DNS (DNSSEC), DHCP Server, Web server and security (Apache, IIS, Nginx), Mail server and security (Postfix, Sendmail, Dovecot, CouriurIMAP, Exchange Server, SASL, TLS, DKIM, SPF, Spam Assassin, Mail Scanner, Filtering), Proxy Server, FTP, Samba, NFS, NIS, LDAP Directory Server, Active Directory, OpenVPN Server, GIT server, Redmine Project Management server, OpenKM Document Management Systems, Plesk Panel, ISPConfig3, FreePBX, Asterisk, Digium, Configuring XEN & KVM Server, VMWare ESXi, Kernel compilation, Kickstart configuration & administration. Worked with backup and restore systems.

Firewall & Security: FortiNet, Cisco ASA, Sophos, Barracuda, PfSense, OpenWRT, Mikrotik, Untangle, Iptables, TCP Reppers, PAM, SeLinux administration.

Database: Install Configure and maintain Oracle, MySQL Database Clustering and Replication, troubleshooting, Microsoft SQL server clustering and mirroring, etc

Monitoring Systems: Implement Nagios and Centreon to monitor servers and applications, Cacti to monitor resource uses, Implement central syslog server, various scripts to check server events like disk, resource, load, temperature, power failure etc.

Projects: Working with IDA (Infocomm Development Authority of Singapore) to host projects in GDC. Worked with (RMS) Asterisk telephony project and implemented clustering for Singapore Central Prison. Hosted and maintained different projects for Ministry of Education Singapore (NSG, OLGA, iESA, NSG, ESA), Worked with Comfort Delgo IT infrastructure, Working with Singapore National Library Board (NLB), Public Service division (PSD), etc. Hosted and maintained Payment gateways.

Company Name : Webqom Technologies Sdn Bhd

Address : 92A, First Floor, Jalan Burhanuddin Helmi, Taman Tun Dr Ismail, Kuala Lumpur, Wilayah Persekutuan, Malaysia.

Position Held : System Administrator (Contractual)

Duration : March 2012 to April 2012

Responsibilities : Design, Implement and configure various applications on RedHat, CentOS, XenServer, Ubuntu. Configuring Virtualization using KVM, XEN, XenServer, SolusVM. Work with Juniper Firewall & Dell Equaillogic storage, Installing, Mounting, Upgrading and maintaining SAN storage.

Worked with Juniper SRX Firewall devices to configure Routing, Switching, NAT, DNAT, SNAT, ACL & Policies.

Implement Servers and applications on Redhat, CentOS, Ubuntu like DNS, Web (Appach), Mail (postfix), Proxy, FTP, Samba.

Worked with Server security and defending various threat like DOS, DDOS, Brute Force, Man on middle attack, email spoofing, URL Interpretation attack, Input Validation attack, SQL Injection, Impersonation attack, Buffer overflow attack, HTTP Session Hijacking, Port Scanning attack, DNS cache poisoning, Email Flooding, Send mail attack, etc

Implemented Central SysLog Monitoring Server, NAGIOS, Centreon, Cacti, etc to monitoring Data Center.

Company Name : AskBangladesh.com Ltd.

Address : Dhaka Trade Center, Suite#9F, 99, Kazi Nazrul Islam Avenue.

Position Held : Sr. Systems Engineer

Duration : October 2010 to February 2012

Responsibilities : Maintain and Configure Various Kinds of RedHat Linux and CentOS Server. Manage all employees under NOC to ensure industrial and Data Center support. Configured and maintain Following things:

DNS Server: Implementing and maintain Primary DNS, Secondary DNS, Caching Only DNS, Split DNS Topology, Implementing DNS Security, Transcend Signature(TSIG), Implementing Views, ACL and Blackhole, Restricting Zone Transfer, Version controlling of DNS & Logging.

Web Server: Apache Web Server and implementing security, Name & IP Based Virtual Hosting, Subdomain, Apache access controlling, Apache Flat file Authentication, Apache mod_ssl, SymLinks, Options Indexes, mod_security, mod_stat, Apache redirect URL. Creating Sub-Domain dynamically from the web site, configure Webalizer to monitor web statistics.

Mail Server: Configure and handling Mail server (Postfix, Sendmail, Dovecot), Separate Incoming and Outgoing Mail server, Virtual Mail Domain, Webmail (Openwebmail, Roundcube, Squirrelmail), SASL/TLS, Anti Spam Mechanism, Mail Filtering, Mail Scanner, Porcmail and SpamAssasian, DNS Blackhole, Domain Key (DKIM), Sender Policy Framework (SPF), MailWatch, Maillog, AWstats, Logwatch, Mail Graph, Antivirus.

FTP Server: Configuring FTP Server(vsftpd), Login Banners, Informational capabilities, Logging capabilities, Local users, User/Group access control, Anonymous FTP & uploading, Connection restriction, Host access restrictions, Upload only FTP server (no download option)

Proxy Server: Configure and maintain Proxy server, Implementing ACL, Password authentication, Transparent proxy.

Cryptography: Implemented Local CA server, OpenSSL, Symmetric & Asymmetric Encryption, Digital Signature & Certificate, TLS/SSL Handshake.

Monitoring: Implementing Central SysLog Monitoring Server, NAGIOS, Centreon, Cacti, Munin to monitor AskBangladesh.com Ltd. Data Center.

Mikrotik & Other: Configure and maintain mikrotik router OS to monitor internal user. Configured Central samba (PDC) server with LDAP authentication backend. Configure FastDeploy to install OS through PXE. Configure ISPConfig3 to maintain Hosting. Well experienced to maintain CPanel, Simple panel, domain controller panel. Implementing and Testing new feature according to the company's policy. Analyzing and troubleshooting customer service request and trouble trick through NOC team.

Company Name : AsiaNet Ltd.

Address : 166, Kalabagan, 5th Floor, Dhaka.

Position Held : Sr. System Engineer

Duration : January 2010 to September 2010

Responsibilities : Maintain and Configure Various Kinds of Linux and CentOS Server, Install and configure Mikrotik, Support to Radio Link and configure it, And also have to monitor various Server, Maintain the support team for both radio and fiber connectivity.

Company Name : QUBEE(WiMax)

Address : Mostafa Center, Road # 27, Banani, Dhaka.

Position Held : Installation Engineer

Duration : August 2009 to January 2010

Responsibilities : Install and Configure Wimax Modem, Giving LAN and WAN support to the Client end , Configure & trouble shoot Mail Client like outlook & udora.

Company Name : Bijoy Online Ltd

Address : Rupayan Center, Mohakhali, 5th Floor, Dhaka, Ph: 8820301-5

Position Held : Sr. Executive Technical Support

Duration : Feb 2007 to August 2009

Responsibilities : Maintain and Configure Client end Linux Server, Install and Mikrotik, Support to Radio Link and configure, Server Monitoring, Mail cofigure, Mange Bandwidth Manager, Client end support and over phone support.

Professional Certification

Red Hat Certified Directory Services & Authentication Expertise

Certification Number: 805009396340868

Date: May 21, 2010

Red Hat Certified SELinux Policy Administration Expertise

Certification Number: 805009396350868

Date: August 26, 2010

Red Hat Certified Engineer

Certification Number: 805009396340868

Date: July 24, 2009

Sophos UTM Certified Engineer

Date: September 2, 2015

Professional Course

- Completed a professional certification course on **CISSP** from **NTUC** Singapore
- Completed a workshop on **IPV6 Deployment** from **APNIC**.
- Continuing professional Course on **RedHat Enterprise Clustering and Storage Management**
- Completed a professional Course on **RHCSS (Red Hat Certified Security Specialist)** from IBCS.
- Completed a professional Course on **CCNA** from IBCS Primax

Educational Qualification:

Master of Science in Computer Science and Engineering

Institution : Dhaka International University
Status : Incomplete
Result : CGPA 3.38 out of 4 Scale

Bachelor of Science in Computer Science and Engineering

Institution : Stamford University Bangladesh
Year : 2006
Result : CGPA 3.40 out of 4 Scale

Communication Skills:

Fluent in English both verbal and written. Skilled in conducting and commercial correspondence as well as writing reports, business letter and dealing with multimedia presentation.

Personal Details:

Father's Name : Md. Mojibar Rahman
Mother's Name : Mrs. Ferdoushi Rahman
Permanent Address : House # 3, Road # 7, 2nd F, Sec # 11, Uttara, Dhaka
Present Address : 116 Hougang Ave-1, #08-1202, Singapore 530116
Date of Birth : 1st July, 1983
Nationality : Bangladeshi
Hobby : Photography, Watching Movie, Traveling, Driving etc.

Self Appraisal

- Skilled, enthusiastic and committed young professional
- Confident enough to face any type of dispute
- Punctual at all over and up-to-date with the developing society
- Capable to work in a multicultural team environment
- Excellent writing, speaking and presentation skills in both English & Bengali

Reference:

Reference will be send upon request.

I, the undersigned, certify that to the best of my knowledge and belief, these information correctly describe my qualifications, my experience, and me. I understand that any willful misstatement described herein will lead to my disqualification for the post.



Signature Date: 19-06-2017

Md Mahfuzur Rahman