

Rahat Ali Khan

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Professional Summary

- Highly skilled and experienced (over 20 years) IT professional with extensive expertise in system administration, cyber security, and enterprise infrastructure management. Proficient in administering Windows and Linux environments, ensuring robust security through advanced SIEM and EDR/MDR solutions, including CrowdStrike, ActZero, and Netwrix Auditor. Experienced in vulnerability scanning using Nessus to identify and remediate risks.
- Demonstrated proficiency in cloud computing platforms such as AWS and Azure, complemented by a solid foundation in virtualization technologies, including Hyper-V, KVM and VirtualBox. Adept in deploying and managing enterprise infrastructure monitoring tools like Zabbix and Nagios, ensuring system reliability and performance.
- Proficient in scripting with Bash and Power Shell to automate tasks and optimize system operations. Skilled in configuring and maintaining critical servers such as IIS, Apache, Nginx, HAProxy, Keepalived, and various mail servers.
- Strong leadership skills with experience guiding cross-functional teams and driving projects to successful completion.

Educational Qualification

- **Master in Information Technology** with CGPA 3.42 from Virtual University of Pakistan (2013-2015) Lahore, Pakistan
- **Post Graduate Diploma in Management Information Systems** from MPA Department Punjab University (1995–1996),Lahore, Pakistan
- **BSc (Math, Stat, Physics)** Punjab University (1992-1994), Lahore, Pakistan

Certifications

- Cisco Certified Network Associate
- Certified in Cyber Security (ISC2)

Areas of Expertise

- System Administration (Windows, Linux)
- Cyber Security, SIEM, EDR/MDR (Crowd Strike, Act Zero, Netwrix Auditor),Vulnerability Scanning (Nessus).
- Cloud Computing (AWS, Azure)
- Virtualization (Hyper-V, KVM, Xen Server, XenApp, XenDesktop, Virtual Box)
- Team Leadership
- Ansible/ Dockers
- Scripting (Bash, Power Shell)
- Enterprise Infrastructure Monitoring (Zabbix, Nagios)
- Servers (IIS, Apache, Ngnix, HAProxy, KeepAlived, Mail Servers)
- Hardware (Cisco Routers (1700,2500,2600,2800),Sonic Wall 3650,Dell Power Edge 2600, 2900,R710, Super Micro Servers.

Professional Experience

Contour Software www.contour-software.com , Lahore, Senior System Administrator
(Jul 2022 – Till Date)

- Managing Veeam Backup Servers (Veeam 12)
- Managing Hyper-V Cluster
- Managing Firewalls (Sonicwall 3650)
- Managing Active Directory (On premises and Azure AD)
- Managing Office 365
- Threat Detection, Malware, Ransom ware monitoring using EDR/MDR Tools (Crowd strike, Sentinel One, Act Zero)
- Created procedures/tasks for verifying backups
- Remote Management and Monitoring of Infrastructure using RMM Tools.
- Windows Servers Auditing
- Auditing of Office365/SharePoint Online (using tools like Manage Engine, Netwrix)

Contour Software www.contour-software.com , Lahore, Windows System Administrator
(Oct 2019 – Jul 2022)

- Managing Database Servers
- Supporting the offshore/onshore team
- Managing Windows based servers (IIS), Linux based servers (DNS, HAProxy)
- Managing AWS based Cloud Infrastructure
- Managing AWS Client Endpoint VPN
- Monitoring of Infrastructure using Zabbix/Pingdom
- Application Performance Monitoring using NewRelic
- Managing Cloudflare firewall rules, custom hostnames and SSL
- Managing AWS based Active Directory and integration of Linux servers with Active Directory
- Patch Management of servers using AWS SSM/Patch Manager
- Managing AWS Security Groups for improving the security of infrastructure
- Managing DNS domains in Route53
- Managing Classic and Application Load Balancers

DatumSquare IT Services www.datumsquare.com , Lahore, Dedicated System Administrator
(Dec 2018 – Jun 2019)

- Managing cloud environments (IBM, AWS)
- Managing Linux based online servers (CentOS, Ubuntu)
- Managing WHM/CPanel
- Managing MariaDB database servers (database replication, remote dumps and restoration)
- Managing monitoring of online infrastructure using tools like PingDom, Zabbix, NewRelic
- Managing server failover solutions (DNS failover, secondary DNS).

StarzPlay www.starzplay.pk Lahore , NOC System Engineer (Apr 2018 – Oct 2018)

- Monitoring of Online Infrastructure hosted on AWS

- Managing Micro services
- Trouble shooting of micro services using tools like Elastic Search, Logstash, Kibana, Splunk
- Supporting local IT infrastructure
- Working on tools like Nagios, ICINGA, Zipkins.
- Scripting in Bash and other tools to automate manual tasks
- Communicate with various teams, keeping everyone up-to-date on deployments, outages, issues, and solutions

YieldWerx www.yieldwerx.com Lahore, Sr Network Administrator **(Dec 2017 – Mar 2018)**

- Managing LAN (50+ nodes) □ Managing rack servers.
- Managing Windows 2008/2012 based Windows Servers, Domain Controller
- Managing virtual environment based on VMware, Hyper V
- Managing cloud infrastructure based on Amazon AWS, Office 365 □ Managing backups using VEAM, Goodsync. Cobian □ Managing end point security of workstations.

Pribno (Pvt) Ltd www.pribno.com Lahore, Linux Administrator **(Aug 2016 – Jun 2017)**

- Management of 80+ Linux/FreeBSD Servers
- Management of KVM based virtual infrastructure
- Management of Proxy, Web, Mail Servers
- Implemented Zabbix for enterprise grade monitoring
- Upgrading of Ubuntu distributions and kernels.
- Managing SVN
- Management of virtualization (KVM based)

Ebryx (Pvt) Ltd www.ebryx.com Lahore, IT/Linux Administrator **(Jun 2015 – Aug 2016)**

- Supporting the core Linux environment. This includes the administration, design, documentation and troubleshooting of core Linux server infrastructure, communications network, and software environment
- Participating in network management and maintenance
- Manage the availability, scalability, and efficiency of multiple Infrastructure services running on a Linux platform

Ascertia Pvt Ltd www.ascertia.com Lahore, Manager IT **(May 2010 – Aug 2014)**

- Managing Windows(2003,2008,2012) based Web Servers
- Administration of 35 nodes network and managing Active Directory
- WAN Administration (Load Balancing bandwidth through Squid Proxy Servers)
- Managing Rack Servers (Dell Power Edge 2650, Super Micro)
- Management of 30+ Virtual Machines on Virtual Box running on Red Hat Linux, Fedora 13 and Windows Servers
- 2003,2008,2012
- Creation of SSL certificates of users
- Managing Cloud based servers (Windows Azure/Amazon AWS EC2)

Vahzay Pvt Ltd www.vahzay.com Lahore, System Administrator (**Apr 2008 – May 2010**)

- Managing of IT infrastructure
- Managing Wireless LAN
- Coordination with ISP leased line data circuit
- Managing Active Directory
- Managing Routers (Linksys Wireless, Cisco 2611)
- Managing Firewalls (SonicWall).
- Remote Administration of Linux based Web Servers

University of Lahore www.uol.edu.pk Lahore, System Administrator (**Aug 2006 – April 2008**)

- Managing of IT infrastructure
- Managing Email Servers based on Red Hat Linux and Debian consisting of Sendmail, POP3, Mail Cleaner
- Managing Wireless links (Motorola PTP400 Lite)
- Bandwidth management through Squid delay pools

Lahore University of Management Sciences www.lums.edu.pk Lahore, Network Administrator (**Feb 2006- Jul 2006**)

- Managing of IT infrastructure
- Managing Wireless LAN
- Managing Campus wide Email System (Sendmail, Cyrus)
- Managing Web, DNS Servers (Apache, BIND)
- Active Directory Management
- Managing Routers

MetaApp (Pvt) Ltd www.metaapp.com Lahore, System Administrator (**Sep 2004 - Feb 2006**)

- Managing of IT infrastructure
- Managing WAN (Digital Cross Connect & DSL Links)
- Management , configuration and administration of Cisco 2600 Series Router
- Installation, Configuration & Administration of Sonicwall TZ 170 Firewall Security
- Managing Web, DNS Servers

WorldTel MECA (Pvt) Limited www.wtmeca.net Lahore, Network Engineer (**Apr 2000- Jul 2004**)

- Managing WAN Links
- Managing Access Servers (Cisco AS5300, Lucent MAXTNT)
- Managing Routers (Cisco 3620, 3640)
- DNS Administration (Windows, Linux)
- Managing Squid Proxy Server
- Installation & configuration of Sky stream DVB for Downlinks