

Paul Fard
Fard1389@gmail.com
Phone: (301)968-5965
Clearance: Public Trust (Active)
U.S. Citizen

Summary Qualifications

- More than 19 years of IT experience.
- Extensively worked on **Amazon Web Services(AWS)** and components like **EC2, VPC, IAM, RDS, ELB, EMR, ECS, API Gateway, Cloud Trials, AML, Auto-Scaling, S3, CloudFront, Glacier, Elastic Beanstalk, Lambda, Elastic Cache, Route 53, Ops Works, CloudWatch, Cloud Formation, RedShift, AWS Shield, AWS Guard, Web Application Firewall (WAF), Network Access Control List (NACL), Network Connectivity Troubleshooting, SNS, SQS, SES, Kinesis and IAM.**
- Experienced in Setup and Building **AWS Infrastructure** using resources **VPC, EC2, S3, RDS, Oracle DB, IAM, EBS, Route53, SNS, SES, SQS, CloudWatch, CloudTrail, Security Groups and Auto-Scaling.**
- Experienced in creating **AWS Multi-Factor Authentication (MFA)** for instance **RDP/SSO logon**, worked with teams to lock down security groups and setup **specific IAM profiles** per group utilizing newly released APIs for controlling resources within AWS based on group or user. Configuring of Monitoring and alerting tools according to the requirements like **AWS CloudWatch, CloudTrail, Splunk Enterprise, Nagios and SNMP monitoring** for the **VPN Connections.**
- Worked on **Azure Services** such as **Azure Cloud Services, Azure Storage, Azure Internet Information Services, Azure Active Directory(AD), Azure Resource Manager (ARM), Azure Blob Storage, Azure VMs, SQL Database, Azure Functions, Azure Service Fabric, Azure Monitor.**
- Knowledge of **Azure Site Recovery** and **Azure Backup** Installed and Configured the Azure Backup agent and virtual machine backup, Enabled Azure Virtual machine backup from the Vault and configured the **Azure Site Recovery (ASR).**
- Experienced in application technology **Docker**, creating **Docker Images, Containers, Docker Registry** to store images and to manage **Docker Containers, Docker Hub and Docker Swarm.** Proficient in setting up **Docker environments** like **Docker Client, Docker Daemon, Docker Compose, Docker Registries, Docker Hub** and handling multiple images by storing them in containers for deployment
- Installed, Configured, Managed Monitoring Tools such as **Splunk**, for Resource Monitoring/Network/Monitoring/Log Trace Monitoring. Strong knowledge of **TCP/IP, UDP, DNS network, load balancing, firewalls and enterprise monitoring tools Splunk.**
- Extensive experience on and cloud computing “AWS architect and Azure administration and dominate on Operating systems: Windows 2022-2016-2019/Active directory/Linux and UNIX and Windows clients.

- Extensive experience with Virtualization VMware and Hyper-V. Installation, configuration and troubleshooting.
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- Work with Citrix /KVM Hypervisors.
- Installing and deployment and Configuration and troubleshooting NSX and NSX Load balancer (AVI).
- Experience with VRNI (Aria operation for network).
- Document, review, and update system administration guides and procedures.
- 5+ years of significant experience **remediating and tracking security vulnerabilities, POAMs** in databases and servers
- Extensive experience with vSAN including server side configuring, management, and troubleshooting virtual storage.
- Extensive experience on Cisco switches and Routers configuring.
- Strong experience working with ISSMs to work on vulnerabilities and remediation.
- San/NAS/DAS storage experience.
- Strong ability to **understand information from issues** and troubleshoot hardware, software and network issues. Determine areas requiring maintenance, repairs and upgrades.
- Install and configure the Oracle Database 11g, Create and administer user accounts in the Oracle Database 11g, Backup and Recovery of the Oracle Database 11g, Monitor, troubleshoot and maintain the Oracle Database 11g, Configure Oracle Net services for the Oracle Database 11g, Use RMAN to create and manage backup sets and image copies, Use Oracle's Flashback technology to recover your database, Review database log files for diagnostic purposes, Control database resource usage with the Resource manager.
- Experience reviewing information and performing analysis in the database tables and database monitoring tools and sharing changes to be made to optimize the databases to work well with the applications.
- Leading a team for implementing Virtual Desktop Infrastructure (VDI) based on Citrix XEN Desktop and VMware Horizon.
- Implementing Networking Services, SAN, NAS, DAS Storage, Local Storage, setting up a VPN Server, Deploying Terminal Services, IPSEC, Planning for High Availability.
- Configuring wireless LAN and Access Points, Routers, Switches, and wireless configuration and troubleshooting.
- 10 years of experience in Database Administration, Database Design, Development & Support.
- Good knowledge of TSQL, PL/SQL scripting.
- Substantial development experience in creating stored procedures, PL/SQL Packages, Triggers and Functions.
- Experience with SQL Server Management Studio, Log Shipping Configuration, Database Replication, Database Mirroring, troubleshooting Database issues, data migrating issues and handling Production Issues, SQL Tools, execution plans, Trace, statistics, index tuning wizard
- Solid understanding of Enterprise-level storage concepts to include all commonly used RAID-levels..

Education	Security Clearance
<ul style="list-style-type: none"> • Bachelor of Science in Computer Science from University of Tehran, June 2001 	Sensitive(Active)
Professional Certifications/Licenses/Training	Software/ Hardware Skills
N/A	Cloud: AWS certified Associate, Advance Networking, security Azure Administrator Systems/OS: Windows (All versions Client &

	<p>Server), Unix, VMS, DOS, Linux, IOS, ESXI</p> <p>Languages: C, PL/SQL, Visual C</p> <p>Databases: Oracle, SQL SERVER, DB2, Microsoft Access, MySQL</p> <p>Database Tools: SQL, SQL/ Plus, Cast Workbench, Query Analyzer, Enterprise Manager, SQL Developer-, SQL analyzer, Backup exec 2014, Veritas, RMAN, TOAD</p> <p>Networking: CCNA, CCNP SWITCH, CCNP ROUTING, CCNP Troubleshooting, Packet tracer, GNS3</p> <p>Virtualizations: Citrix (Xen Server, Xen Desktop, Xen App), VMware (Sphere 5.5,6.0,7.0, 8.0 and Workstation), Microsoft (Hyper-V 2012,2016,2019), KVM Linux</p> <p>Hardware: IBM Compatible Workstations and Servers, VAX, HP, Routers/Switches, Modems, NICs. CD-ROM and DVD-ROM drives, network cards, SCSI cards, modems, video cards & sound cards, LAN Cabling</p>
Relevant Professional Experience	
Trillion Inc. Senior System Administrator	SEP 2023- Present
<p><u>Roles and Responsibilities:</u></p> <ul style="list-style-type: none"> • Implementation and configuration Application servers from in-premises to AWS cloud. • Administration and maintenance and migration of Windows server Operating Systems. • Implementing and administration and maintenance and troubleshooting of Bare Metal hypervisors VMware • Implementing Nutanix Storage Services in Prod environment. • Implementing Nutanix Networking and Security in Prod environment. • Planning, implementation and support of VMware backup, database recovery and disaster recovery policies of VMS in a highly availability environment. • DELL hardware configuration and maintenance servers. • Ability to deploy applications to DEV-TEST-UAT and PROD environments. • EMC hardware configuration and maintenance. • Configure, Monitor, maintain, patch and troubleshoot operating systems (Windows, VMware, ESXI.). • Install the SSL certificate on Windows Application servers. • Understand and remediate security vulnerabilities and POAMs and support DB team with addressing vulnerabilities and POAMs at DB 	
OST Inc. Senior System Administrator	Aug 2021- SEP 2023
<p><u>Roles and Responsibilities:</u></p> <ul style="list-style-type: none"> • Administration and maintenance and migration of Windows server Operating Systems. • Implementing and administration and maintenance and troubleshooting of Bare Metal hypervisors VMware • Planning, implementation and support of VMware backup, database recovery and disaster recovery policies of VMS in a highly availability environment. 	

- DELL hardware configuration and maintenance servers.
- Ability to **deploy applications to DEV-TEST-UAT and PROD** environments.
- EMC hardware configuration and maintenance.
- Configure, Monitor, maintain, patch and troubleshoot operating systems (Windows, VMware, ESXI.).
- **Install the SSL certificate** on Windows Application servers.
- Understand and remediate **security vulnerabilities and POAMs and support DB team** with addressing vulnerabilities and POAMs at DB
- Monitoring and optimizing the performance of the Oracle database

USPS (M3 Technology), Senior System Administrator

Oct 2016- July 2021

Roles and Responsibilities:

- Administration and maintenance Domain Controllers (RFS), Linux servers, DNS, VMware, HP Blade System, Procure Switching.
- Implementing, administration, maintenance, and troubleshooting of Bare Metal hypervisors (VMware, Xen Server, Hyper-V, KVM, Nutanix).
- Administration and maintenance of configuration management tools (Puppet, Ansible, Chef,).
- Planning, implementation and support of VMware backup, database recovery and disaster recovery policies of VMS in a highly availability environment.
- Administration, maintenance, and migration of Unix/Linux /Windows server Operating Systems.
- Ability to deploy applications to CAT-SIT-DEV and PROD environments.
- EMC hardware configuration and maintenance.
- Basic enterprise networking configuration and maintenance; routing, redistribution, ACLs, NAT, VPN, Layer 2/3 switching, monitoring solutions
- Configure, Monitor, maintain, patch and troubleshoot operating systems (Windows, Linux, VMware, ESXI.).
- Understand and **remediate security vulnerabilities and POAMs** and support DB team with addressing vulnerabilities and POAMs at DB

Howard University, Washington DC, Database Manager / System Administrator

Nov 2014– Oct 2016

Roles and Responsibilities:

- Maintaining database security and take all security measures to make sure the corporate data is fully protected against unauthorized access and data theft
- Constantly auditing access levels of individuals and groups who have access to the database.
- Installing and upgrading the database server and application tools
- Allocating system storage and planning future storage requirements for the database system
- Modifying the database structure, as necessary, from information given by application developers verbally
- Developing database queries for applications and programs as needed
- Diagnosing database problems and coming up with resolutions
- Ensuring compliance with database vendor license agreement
- Controlling and monitoring user access to the database
- Monitoring and optimizing the performance of the database
- Planning for backup and recovery of database information
- Maintaining archived data
- Backing up and restoring databases
- Contacting database vendor for technical support

- Providing regular and effective status updates on team and projects
- Generating various reports by querying from database as per need
- Serves as the subject matter expert on DBA issues, improvements and implementations
- Keeping up with new database technologies and trends
- Act as example to all the members of the team by being the person who most closely follows the principles and practices, we have committed to
- Ultimately responsible for any issues or problems within the team and to make sure they are dealt with appropriately.
- System administration processes documentation and documenting all action at CAT,DEV&PROD.

Washington Hospital Center, Senior Network Administrator / System Administrator
Washington DC Oct 2012– Nov 2014

Roles and Responsibilities:

- Implement local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data networks
- Extensive experience with Cisco Catalyst switches (3560s, 3750s, 4500s, 6500s) and Routers (2800s, 3900s, etc.).
- Extensive experience Solarwinds Network Performance Monitor and other Solarwinds applications (NCM, IPAM, NTA).
- Extensive experience with Cisco routing and switching combined hands on experience with the following: Cisco Datacenter (Nexus, UCS, Catalyst products), Palo Alto, Checkpoint (Firewall, VPN technologies) Cisco ISE, Cisco WLAN, VLANs, Big IP F5 Load Balancers.
- Experience with Network management including monitoring, performance management, configuration management, asset management/inventory, etc. and with SNMPv3/v2/v1 network management tools, security management tools, traffic analysis tools.
- Experience with infrastructure management tools to include Solar Winds, Splunk, Cisco Prime Infrastructure, NetMRI, InfoBlox, Netflow, Fluke, Wireshark, Gigamon and ServiceNow.
- Extensive experience with Spanning-tree STP, VLANs, Port Channels, Load balancing, SPAN, NAT, ACL, Cisco Wireless LAN Controllers, ISE, and WAPs
- Senior level experience supporting routing protocols (BGP, iBGP, OSPF)
- Cisco network platforms: routers, switches, VPN concentrators, network management (ISR/ASR/Nexus).
- Documentation/diagram skills (MS Visio/MS Word/MS Excel) Contacting database vendor for technical support
- Contacting database vendor for technical support Contacting database vendor for technical support

Nissan, Sr. Database Administrator

October 2006 – May 2012

Roles and Responsibilities:

- Implementing, supporting and troubleshooting Oracle Database and supporting users and clients.