



Technical Evaluation

Thank you for your interest in joining our team. TechSystems USA provides a range of IT expertise and technical support to a variety of customers. Our team members must be proficient in all of these systems and technologies in order to be able to provide the outstanding service our clients deserve and expect.

Our ideal candidate is someone who is self-disciplined, reliable, teachable, a self-starter, accountable, who takes initiative, and has a solid understanding of the concepts and underlying technologies we work with.

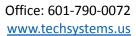
We recognize that we all have areas and technologies that we are more proficient and comfortable with.

The following questionnaire serves a two-fold purpose: (1) allow our management to get a glimpse of your current level of technical experience and knowledge, and (2) provide you with a snapshot of the core technologies and services that we work with to support our clients.

Please be truthful and honest in your answers. If you are selected for an in-person interview, we will ask you to elaborate on some of these technical questions.

Thank you for your time and interest. We look forward to your responses.

TechSystems Team





Technical Questionnaire

Name:	Phone:	
Email:		
Position applying for:		

Technology		Experience Level			
	0	1	2	3	
	None Never worked with it	Limited Will need additional training	Moderate Some assistance required	Expert No assistance required	
Computer Hardware					
Identify Computer Components					
Troubleshoot Hardware Problems					
Hardware Upgrades Assessment					
OS and Hardware Compatibility					
RAID Levels and Configurations					
CPU Types and Generations					
USB2, USB3, USB4, USB-C					
RAM, VIDEO RAM					
PCI Slot types					
Serial Ports					
Hard Drives			1	T	
Types of Hard Drives					
Types of Partitions					
Partitioning Tools					
Types of Cloning					
Cloning Tools					
UNetbootin					
Bare-metal backup & restore					
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Technology	Experience Level			
	0	1	2	3
	None	Limited	Moderate	Expert
	Never worked		Some	No assistance
	with it	additional training	assistance required	required
Operating Systems – Windows PC		truming	required	l.
Windows 10				
Windows 11				
Dell Boot Menu shortcuts (F2, F10, F11, F12)				
HP Boot Menu shortcuts (F2, F10, F11)				
Boot to Win PE Administrative Mode				
PXE Boot				
Page / Swap file				
Windows Registry				
Device Manager				
Task Manager				
Select start-up applications				
Services vs Applications				
Changing a computer hostname				
View network shares configured on local PC				
Access network shares				
Adding a system to a domain				
Creating / managing local Users and Groups				
Creating / managing local disks & partitions				
RMM Providers				
Endpoint Security Solutions				
Steps to troubleshoot slow performance				
Tools for registry optimization				
How can you fix Windows start-up problems				
Ways of reinstalling Windows 10 & 11				





Technology		Experience Level				
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	None	Limited	Moderate	Expert		
	Never worked		Some	No assistance		
	with it	additional training	assistance required	required		
Operating Systems – Windows Server		training.	required			
Versions of Microsoft Server						
Dell Boot Menu shortcuts (F2, F10, F11, F12)						
HP ProLiant Boot Menu shortcuts (F2, F10, F11)						
Dell PE Lifecycle controller shortcut						
Dell RAID Controllers: PERC, SAS						
Microsoft Server CAL types						
Microsoft Server default number of CALs						
What is a Windows printer						
			•			
macOS						
Versions of macOS						
CMD+R						
Disk Utility						
Activity Monitor						
Security & Privacy						
RMM vendors						
Linux				I		
Major Linux Distros						
CTR+ALT+F2 (Virtual Desktops)						
SQL Server						
Versions of SQL Server						
SA user						
SA vs Windows Login						
SQL Backups						
SQL db migration						





Technology	Experience Level				
	0	1	2	3	
	None	Limited	Moderate	Expert	
	Never worked		Some	No assistance	
	with it	additional training	assistance required	required	
Command Line (CLI) – DOS		J	'		
CMD					
DIR					
CD					
MD					
DEL					
DISKPART					
NET USE					
Command Line (CLI) – PowerShell					
Modules					
GET- Commands					
SET- Commands					
Pipeline					
Functions					
Variables					
Environmental variables					
Common delino (CH) Pools					
Command Line (CLI) – Bash CL					
MKDIR					
RM					
СР					
INIT 6					
IFCONFIG –A					
IP ADDRESS SHOW					
IP LINK SHOW					
IFDOWN ETHO IFUP ETHO					
IP LINK SET DEVICE DOWN IP LINK SET DEVICE UP					
PING –C 4					





Technology	Experience Level			
	0	1	2	3
	None	Limited	Moderate	Expert
	Never worked with it	Will need additional	Some assistance	No assistance
	WILITIE	training	required	required
Active Directory (AD), Domains, DNS, and DHCP		Ĭ	·	
Command to create an AD domain Controller (DC)				
AD default domain extension				
PDC vs BDC vs RDC				
AD Forest				
Adding a Domain Controller to an AD Domain				
DNS Zones				
DHCP default lease time and behavior				
Static vs Reserved IP address				
Which service handles AD users' login info				
Which service handles AD file sharing				
Network Shares				
NTFS folder rights and permissions				
Direct Access permissions vs Role Based Access				
Windows vs. UNIX URL				
AD username syntax				
AD Groups (function and types)				
AD Group vs an AD Distribution List				
AD Computer objects				
Changing the system time on a Domain Controller				
Utility to manage AD users, groups, computers				
Group Policies (what are they)				
Managing Group Policies				
Applied order of Group Policies				
Changing the default password length				
Fixing computer trust relationships in a domain				





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	with it	additional	assistance	required
Virtualization		training	required	
VMware ESXi				
Azure				
AWS				
Google Cloud				
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Parallels				
Ethernet Cabling Types of Ethernet cables (CAT 5, 5e, 6, 6a, 7, 8)				
Ethernet termination standards (T568B vs T568A)				
Function of Ethernet Pairs (types of signal on pairs)				
Patch cable vs. crossover cable vs. rollover cable				
Ethernet couplers				
Ethernet splitters				
Telephone cable termination (pinout)				
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Maximum effective length of Ethernet cables				





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Computer Networking		<u> </u>	'	
The difference between LAN, WAN, WWAN				
What is a VLAN				
What is a subnet				
Subnet Classes and sizes				
CIDR notation				
Public vs Private IP addresses				
Usable IP addresses in a subnet				
IPv4 address				
IPv6 address				
APIPA IP address				
DHCP				
MAC Address				
DNS and its purpose				
SAMBA protocol - SMB1, SMB2, SMB3				
Network Interface Cards (PCI, PCIe, USB)				
Networking Command Line (CLI)				
Ipconfig /all				
Ifconfig				
lwconfig				
Ipconfig /release & ipconfig /renew				
Ipconfig /flushdns & ipconfig /registerdns				
Netstat				
Tracert				
Nslookup				
Path ping				
Cisco CLI				





Technology	Experience Level			
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Wireless networking		training	required	
The difference between 802.11b, a, g, n, ac, ax				
Wireless channels				
Wireless heat maps				
Wireless radios				
Major wireless vendors				
Wireless controllers				
Hotspots				
Guest Wireless Networks				
Wireless isolation				
Wireless beaming				
Wireless mesh				
Wireless tools and testers				
Integrating a wireless network to a wired network				
What is WWAN				
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Signature			