

## Technical Evaluation

Thank you for your interest in joining our team. TechSystems provides a range of IT expertise and technical support and 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 courteous, truthful, 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) allows our management to get a glimpse of your current level of technical experience and knowledge, and (2) provides you with a snapshot of the core technologies and services that we work with.

Please be truthful in your answers. During the technical part of the in-person interview you will be asked to elaborate on some of these technical topics.

Please also provide answers to the following pre-interview questions.

- A link to your LinkedIn profile \_\_\_\_\_
- What is the current pay rate at your present job and what is your target salary for the position you are applying for? \_\_\_\_\_
- Are you comfortable climbing on a ladder? \_\_\_\_\_
- Can you pick up 25-50 lb boxes? \_\_\_\_\_
- Are you academically able to study and pass technical certifications? \_\_\_\_\_
- What is the main reason you want to join our IT team? \_\_\_\_\_  
\_\_\_\_\_
- What would be the main reason you may one day leave TechSystems? \_\_\_\_\_  
\_\_\_\_\_
- If there's one thing your current employer can do to keep you in your current position, what would it be? \_\_\_\_\_

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 None Never worked with it	1 Limited Will need additional training	2 Moderate Some assistance required	3 Expert No assistance required
<b>Computer Hardware</b>				
Identify Computer Components				
Troubleshoot Hardware Problems				
RAID Levels and Configurations				
CPU Types and Families				
USB2, USB3, USB4, USB-C				
RAM, VIDEO RAM				
PCI Slot types				
<b>Hard Drives</b>				
Types of Hard Drives (SSD, M.2, IDE)				
Types of Partitions (MBR, GPT, primary, extended)				
Partitioning Tools				
Cloning Tools				
Bootable Live USB drives				

	<b>0 None</b> Never worked with it	<b>1 Limited</b> Will need additional training	<b>2 Moderate</b> Some assistance required	<b>3 Expert</b> No assistance required
<b>Operating Systems – Windows PC</b>				
Windows 11, 10				
Dell Boot Menu shortcuts (F2, F10, F11, F12)				
Windows Registry				
Device Manager				
Task Manager				
Add a system to a domain				
Troubleshoot slow performance				
<b>Operating Systems – Windows Server</b>				
Versions of Microsoft Server				
Dell PE Lifecycle controller shortcut				
Dell RAID Controllers: PERC, SAS				
Microsoft Server CAL types				
<b>macOS</b>				
Versions of macOS				
Boot with startup options				
Disk Utility				
Activity Monitor				
<b>Linux</b>				
Major Linux Distros				
CTR+ALT+F2 (Virtual Desktops)				
<b>SQL Server</b>				
Versions of SQL Server				
SA user				
SA vs Windows Login				
SQL Backups				

	<b>0 None</b> Never worked with it	<b>1 Limited</b> Will need additional training	<b>2 Moderate</b> Some assistance required	<b>3 Expert</b> No assistance required
<b>Command Line (CLI) – DOS</b>				
CMD				
DIR				
CD				
MD				
DEL				
DISKPART				
NET USE				
<b>Command Line (CLI) – PowerShell</b>				
Modules				
GET and SET - Commands				
Pipeline, Functions, Variables				

<b>Active Directory (AD), Domains, DNS, and DHCP</b>				
Create/Add an AD domain Controller (DC)				
AD Forest and Domain zones				
DNS Zones				
DHCP default lease time and behavior				
Static vs Reserved IP address				
Network Shares				
AD Groups (function and types)				
Change the system time on a Domain Controller				
Group Policies				
Change the default password length				
Fix computer trust relationships in a domain				

<b>Virtualization</b>				
Azure				
AWS				
Google Workspace				

Technology	Experience Level			
	<b>0</b> <b>None</b> Never worked with it	<b>1</b> <b>Limited</b> Will need additional training	<b>2</b> <b>Moderate</b> Some assistance required	<b>3</b> <b>Expert</b> No assistance required
<b>Ethernet Cabling</b>				
Ethernet cables (CAT6A, 6, 5E)				
Ethernet termination standards (T568B vs T568A)				
Ethernet couplers				
Maximum length of Ethernet cables				

<b>Computer Networking</b>				
LAN, WAN, WWAN				
Subnet Classes and sizes				
Public vs Private IP addresses				
APIPA IP address				
DHCP				
DNS and its function				
SAMBA protocol - SMB1, SMB2, SMB3				
<b>Networking Command Line (CLI)</b>				
ipconfig /all				
ipconfig /release & ipconfig /renew				
ipconfig /flushdns & ipconfig /registerdns				
ping, pathping, tracert				
nslookup				
Cisco CLI				

<b>Wireless networking</b>				
IEEE standards for 802.11b, a, g, n, ac, ax				
Wireless channels				
Wireless radios				
Wireless controllers				
Wireless isolation				
Wireless beaming				
Wireless mesh				