

DAVID PEARCE

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Senior Systems Administrator

Professional Profile

David is a motivated individual who has shown himself to be a designer and planner, crafting solutions for the client's needs. "Big picture" planning is his forte, and planning for growth is in his nature.

Experiences

<i>Windows specific</i>	<i>Yrs</i>	<i>Level</i>	<i>Technology</i>	<i>Yrs</i>	<i>Level</i>
Windows workstation	25	Exp	Backups	14	Exp
Server administration (2019 and prev.)	20	Exp	Cloud technologies (AWS, Azure)	4	Adv
Active Directory	18	Exp	Containerization	2	Adv
GPO & user management	8	Adv	Customer support	25	Exp
Microsoft SQL administration	5	Adv	Documentation of processes	8	Adv
			HW/SW Troubleshooting	1	Exp
<i>Linux specific</i>	<i>Yrs</i>	<i>Level</i>	Proxmox	4	Exp
Linux (Ubuntu, RHEL, CentOS, Debian)	15	Exp	Purchasing of equipment	14	Exp
Server administration	12	Exp	SAN/NAS management	7	Exp
Apache, MySQL and Postgres databases	12	Exp	Veeam	6	Exp
			VMware, ESXI and VSphere	6	Exp
<i>Programming</i>	<i>Yrs</i>	<i>Level</i>			
BASH	6	Adv			
Python	4	Adv			
PowerShell	4	Int			

Intermediate ▶ Advanced ▶ Expert (SME)

Partial List of Accomplishments

- In-place upgrades of virtual machines to new instances with little or no downtime
- Migration of physical to virtual machines (P2V) reducing costs
- Spin up and management of virtual machines (VMware, AWS and Azure)
- Implementation of disaster recovery plans including off-site replication for business continuity
- VOIP telephone system implementation saving company thousands of dollars a year
- Created multi-tier backup systems to provide redundant protection reducing RTO and RPO dramatically
- Designed and implemented a new data center, including VMware hosts and networking

Certifications

- VMware Certified Professional Datacenter 2022 (vSphere 7)
- CompTIA A+



Work History

- Cromulence – System Administrator (February 2022 to September 2022)
 - ♦ Implemented new SAN storage
 - ♦ Maintained VMware hosts in a private cloud
 - ♦ Added new voice over IP phone system
 - ♦ Installed and configured new GitLab source code repository
 - ♦ Documentation of systems and processes
- Blue Origin – System Administrator (March 2021 to July 2021 contract position)
 - ♦ Investigation of Docker and Kubernetes for internal projects
 - ♦ Setup WSUS and Image Builder systems
 - ♦ Documentation
- Lockheed Martin – Multi-Function Information System Analyst Sr. (July 2019 to January 2021)
 - ♦ Managing three clusters of VMware hosts
 - ♦ Patching 40+ servers with SCOM and WSUS
 - ♦ Rearchitected Veeam backup system
 - ♦ Documentation
- Pioneers, Inc. – Sr. System Administrator (November 2016 – February 2019)
 - ♦ Managed and upgraded VMware vCenter and vSphere hosts
 - ♦ Performed Windows and Linux administration for over 5+ servers
 - ♦ Implemented and maintained over 20 TB of block storage with TrueNAS
 - ♦ Implemented and managed a multi-layer backup system for all servers (Veeam and BackupPC)
 - ♦ Formulated a disaster recovery plan for the enterprise
 - ♦ Documentation of business processes and computer systems used
- Wycliffe Bible Translators - System Administrator (April 2015 - June 2016)
 - ♦ Performed Windows and Linux administration for over 250 servers
 - ♦ Managed all tape and disk backups for all servers
 - ♦ Implemented TrueNAS storage for disk backup target
 - ♦ Wrote many scripts to automate routine processes (BASH, Python, PHP)
 - ♦ Formulated a disaster recovery plan for the enterprise
 - ♦ Documentation of business processes and computer systems used
- VoyageurWeb - Programmer (February 2012 - April 2015)
 - ♦ Wrote 30+ custom Drupal modules in PHP
 - ♦ Designed and implemented mass import scripts (PHP, BASH, SQL)
 - ♦ Maintained and supported 100+ Drupal, WordPress and custom PHP websites
 - ♦ Maintained and optimized 10+ Linux servers and office networking
- The Seed Company - Programmer (2009 - February 2012)
 - ♦ Maintained and supported three major Drupal websites
 - ♦ Planned and implemented a major Drupal upgrade including redesigning over thirty custom modules
- Wycliffe Bible Translators (Papua New Guinea & MN) - System Administrator (2003 - 2009)
 - ♦ Maintained over 25 Windows and Linux servers
 - ♦ Supported Exchange mail servers for over 500 users
 - ♦ Performed a zero-downtime migration of domain controllers, file and mail servers to new hardware
 - ♦ Scripted many logging and automated email response system for flight information (Perl, batch, PHP)
 - ♦ Implemented a comprehensive monitoring and alert system for all systems (Big Brother, Nagios and Cacti)

Education

Associates degree in Electronics - El Camino College - Graduated 1980

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David Pearce

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