Mark Dean Larson

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Professional Profile

Experienced Information Systems Architect with extensive hands-on understanding of server, network, virtualization systems administration and web development. Technically strong, competent communicator and a team player with great problem solving skills. Excellent references.

Systems Software

Windows NT 3.5 - 2022 - 28 yrs	Active Directory - 20 yrs	Netscreen Firewalls - 3 yrs
Apple OSX 10.4 - 10.14 - 10 yrs	Azure AD - 3 yr	Juniper SA SSL VPN - 3 yrs
Exchange 5.5 - 2010 - 10 yrs	AWS - 2 yr	Citrix Netscaler/ADC 9 - 12 - 10 yrs
VMWare ESX\ESXi 3.5 - 8 - 16 yrs	ControlUP - 6 yrs	Lastpass Enterprise - 3 yr
Citrix Apps & Desktops - 10 yrs	EG Innovations - 2 yr	VMWare View 4 - 1 yr
Citrix App Layering - 3 yrs	SMS 1.2\2 - 4 yrs	Veeam BR 7 - 1 yr
Citrix WEM - 3 yrs	Project Server 2003 - 1 yr	Rightfax 9\10 - 5 yrs
Citrix Cloud - 2 yr	SharePoint Portal - 1 yr	RSA SecurID 7 - 1 yr
SQL 6.5 - 2019 - 9 yrs	IIS 3 - 7 - 9 yrs	Cisco Pix Firewalls - 2 yrs

Development Software

Visual Studio 2003\2008 - 4 yrs	VBScript - 8 yrs	MSMQ 2\3 - 4 yrs
ASP.net - 4 yrs	Transact SQL - 2 yrs	Accurev - 1 yr
VB.net - 4 yrs	XML - 2 yrs	Visual SourceSafe - 4 yrs
JavaScript - 2 yrs	Powershell - 1 yr	Kix Scripting - 6 yrs

Professional Experience

Mercy Ships*, Lindale, TX*
June 2023 - Present
Systems Engineer II
Achievements:
- Setup and tested a POC of the Action1 product for software distribution and patching of the server environment.
- Implemented Action1 to replace Microsoft WSUS for OS and third party patching of the server environment.
- Upgraded all Microsoft SQL servers to version 2019 and standardized the patching process with Action1.
- Upgraded all Windows 2012 servers to Windows 2019 and 2022.
- Vulnerability management across the Windows server environment.

Responsibilities:
- Administration setup and support of all server infrastructure spanning across two hospital ships and the headquarters.
- Administration setup and support of all VMware vSphere infrastructure.
- Administration setup and support of all Azure infrastructure in both US east and France regions.
- Administration setup and support of all Microsoft SQL servers.
- Administration setup and support of all Windows infrastructure and application servers including AD and GPO management.

Sonata Software*, Eden Prairie, MN*
2023 - June 2023
Sr. Systems Architect
- The IT department for Bluestem Brands recently outsourced its employees to Sonata Software. I was providing the same skills to Bluestem Brands but worked for Sonata Software.

Bluestem Brands, Eden Prairie, MN
2011 - 2023
Sr. Systems Architect
Achievements:
- Multiple OS upgrades for Citrix environments. Windows 2008r2 to Windows 2016, 2016 to 2019 and 2019 to 2022 with Citrix App Layering, 70+ app layers and two platform layers.
- Implemented Lastpass for the enterprise including federated login with Azure AD.
- Migrated thin client management from HP to Dell\Wyse cloud management and zero clients.
- Implemented locked down Xenapp environment for securing PCI data in accordance with PCI standards.
- Upgraded multiple ESXi clusters and split them across multiple blade chassis to increase redundancy.
- Implemented VMTurbo, ControlUP, Edgesight, EG Innovations, and Netscaler Insight monitoring systems for VMWare and Citrix environments.
- Migrated Juniper SA SSL VPN to Citrix Netscaler as the corporate VPN solution.
- Migrated Microsoft TMG to Netscaler for partner.blustembrands.com.
- Implemented XenDesktop front ended with Netscalers to replace VMware View which was having issues in low bandwidth environments.
- Implemented multiple Citrix Apps and Desktop upgrades of DDC, Storefront, Director, PVS, WEM, App Layering and Netscalers.
- Implemented Citrix Workspace Environment Management that allowed a 20% savings in memory across a 50 server xenapp farm.
- Built demo environments for XenServer, Unidesk and Atlantis ILIO for testing possible migration strategies to move the corporate desktop to Windows 7 and VDI.
- Managed TMG and Netscaler instances for SSO for a vendor portal sharepoint and product management site.
- Implemented POC of Amazon Workspaces and AppStream 2.0.
- Implemented switch from deploying printers via WEM to PrinterLogic.
- Migrated user profiles from UPM\folder redirection to FSLogix profiles.
- Migrated traditional Citrix environment to Citrix Cloud with 2019 VDA's and using MCS for provisioning.
- Setup and tested a POC of Citrix Apps and Desktops in Azure.
- Currently working on moving onprem CVAD environments into AWS.
- Currently working on Citrix ADM for managing and licensing multiple ADC HA pairs.

Responsibilities:
- Administration, setup and support of all Xenapp and XenDesktop infrastructure including DDC's, Storefront, Director, Workspace Environment Management, App Layering, MCS and netscalers for a 1000+ concurrent user environment.
- Administration, setup and support of windows infrastructure and application servers including AD 2008R2\2016 and GPO management.
- Administration, setup and support of Dell Wyse thinos configurations for the companies call centers with Dell\Wyse Management Portal.

RELS, Minnetonka, MN
2008 - 2011
Sr. Systems Engineer
Achievements:
- Implemented server hardware both virtual and physical for an upgrade to Customer Interaction Center VOIP phone system.
- Migrated server environment from Symantec Antivirus to Symantec Endpoint infrastructure.
- Evaluated and implemented AD Manager Plus to automate the account creation process for the RELS help-desk.
- Implemented RSA SecureID 2 factor authentication for VPN via Cisco ASA and VMware View. This includes hardware and software tokens via Blackberry devices.
- Upgraded the corporate Rightfax implementation from version 9 to version 10.
- Currently implementing VMware View 4 desktop virtualization infrastructure for RELS.

Responsibilities:
- Administration, setup and support of all windows infrastructure and application servers including AD 2003\2008, Exchange 2003\2010, VMware vSphere, Blackberry Enterprise Server, MS Clustering, some 3rd party SQL databases, RSA SecureID, Rightfax and patching of all windows servers via Shavlik NetChk Pro.
- Production and DR support and setup of windows HP Proliant hardware standalone and blade infrastructure.

Polaroid Corporation\Petters Group, Minnetonka, MN
2005 - 2008
Master IT Consultant
Achievements:
- Implemented Symantec Enterprise Vault for Exchange and Symantec Discovery Accelerator for legal case management.
- AD and Exchange migrations that moved Petters Group to their own domain and Petters Consumer Electronics users to the Polaroid domain using Quest Migration Manager.
- Implemented Dot Net Nuke 4 with multiple portals for use as the intranet for multiple business units. Also developed custom themes for each portal and trained business unit admins on its use so they can update content.
- Integrated a newly purchased marketing companies Apple Mac servers and workstations into our current Windows Domain.
- Implemented and managed MIIS and the Interorg Replication utility between the Petters Group and Polaroid domains to improve inter-company communications.
- Designed, purchased and implemented all server and network infrastructure for the new Petters Group IT organization.

Responsibilities:
- Administration, setup and support of all windows infrastructure and application servers including AD 2003, Exchange 2003, Blackberry, IIS, SQL and Apple Mac 10.5 application servers.
- Management of all litigation data discoveries for Petters Group and Polaroid companies.
- Administration, setup and support of Cisco network switches, WAP, Netscreen firewalls, DMZ, SSL VPN, routers and internet connections.
- Backup and disaster recovery management of all servers, devices and databases.
- Application development, support and hosting of Petters companies web sites.

Fingerhut\Petters Group, Minnetonka, MN
2002 - 2005
.Net Web Application Developer
Achievements:
- Redesign project for www.fingerhut.com homepage and checkout pages implementing multiple methods of payment.
- Implemented SEO project on www.fingerhut.com developing dynamic site map page and changes to dynamic product pages.
- Implemented database driven personalized content areas on www.fingerhut.com in conjunction with Offermatica to provide unique content to consumers based on their account lifestage.
- Implemented web affiliate marketing process via Linkshare.
- Implemented Dot Net Nuke for the company intranet.
- Converted enterprise development team from Visual SourceSafe to Accurev including work flow processes and automated software builds.
- Developed an automated build and deployment process for web, phone and mail order web applications.

Responsibilities:
- Developer on www.fingerhut.com web site projects, including ASP.net, VB.net, javascript and SQL development.
- Support of web, customer service mail and phone order web sites.
- Managed Coremetrics implementation to track site performance.
- Management of enterprise software source control software with SourceSafe and Accurev.
- Management of website monitoring and stress testing processes.
- Development and support of enterprise automated build and deployment process.
- Support and setup of workstation development environments for enterprise developers.

Sr. Server Systems Administrator
Achievements:
- Designed and implemented the three tier server infrastructure for the new Fingerhut.com .Net eCommerce and order entry web sites.
- Migrated application load balancing from Cisco Local Directors to Radware WSD and Radware Linkproof for internet connection load balancing.

- Migrated web and application server hosting environments from Windows 2000 to Windows 2003.
- Server infrastructure implementation for the new Fingerhut startup.

Responsibilities:
- Web, application and clustered SQL server administration.
- PIX firewall, Radware WSD and Linkproof administration.
- Server and workstation build automation with Ghost.
- Support and setup of production, stage, test and dev web hosting environments for all Fingerhut and Petters Group web sites.

Fingerhut, Plymouth, MN
1998 - 2002
Workstation and Server Systems Administrator
Achievements:
- Designed, and implemented a clustered Weblogic infrastructure for the www.oldpueblotraders.com eCommerce site within one month.
- Designed and migrated Fingerhut's corporate internet proxy solution from Netscape Proxy Server to ISA 2000 and Chaperon 2000. Fingerhut gained internet access reporting and content filtering from this project.
- Upgraded multiple eCommerce web sites from Windows NT 4 to Windows 2000.
- Automated the install of Internet Explorer and Outlook 98 for Fingerhut's corporate migration from CCMail to Exchange with the use of Kix scripting and SMS Installer.

Responsibilities:
- Administration and implementation of Exchange 5.5\2000, WTS with Citrix MetaFrame, ISA\Chaperon 2000 and IIS application servers.
- Administration and implementation of Fingerhut subsidiary web sites including www.figis.com, www.pcflowers.com and www.popularclub.com on IIS and www.oldpueblotraders.com on Weblogic.
- Testing and evaluation of all desktop software and hardware using various automated methods of software deployments, scripting, login scripts, policies and SMS management.
- Support of server and workstation automated build process using Ghost, Sysprep, batch and Kix scripting.
- Workstation software installation automation using SMS installer and SMS.
- Third level support for all windows based servers and desktops\laptops.

Bonestroo Rosene Anderlik and Associates, Roseville, MN
1996 – 1998
IT Administrator
Responsibilities:
- NT domain, file, print, SQL and Exchange 5.5 Server Administration.
- Novell Server Administration.
- Support of backup and restore systems.
- Desktop support for all client software including MS Office and AutoCAD.
- Support of network, printers, phones and WAN connections.

Global Financial Group, Minneapolis, MN
1997 – 2001
IT Consulting
Responsibilities:
Setup and support on a wide variety of IT subjects. Including:
- NT\2000 Servers (file, print and domain)
- Internet web sites
- Modem Pooling
- E-mail Servers
- Proxy and firewalls

Print Craft Inc, New Brighton, MN
1992 – 1996
Pre Press Technician
Responsibilities:

- Held many positions in the pre press area including proofing, plating and stripping.
- Started career as a press feeder.

Education

Brown Institute for Advertising Design.
School of Communication Arts for Computer Animation.
Microsoft Certified Professional in NT Workstation, Server and Server Enterprise.
Training courses in Exchange 5.5\2000\2010, SMS 2.0, WebLogic 6.0, SQL Server 6.5 and classic ASP.
AZ 900 Certificate in 2024
PL 900 Certificate in 2025