Systems Engineer Systems Engineer Systems Engineer and Microsoft MVP Nominee Hopewell, NJ

Twelve years of experience in Information Technology operations leadership and nominated for Microsoft MVP twice   Leader of various technical communities which includes blogging, freelance writing, video tutorials and speaking engagements   Expertise of system engineering and automation, in particular Microsoft-based technologies using Windows PowerShell   Work closely with organization stakeholders to implement technologies and meet business goals   Comfortable working in both Linux and Windows systems   Experience in enterprise architecture, data analytics, business process innovation, and knowledge management Work Experience Systems Engineer Institute for Advanced Study - Princeton, NJ February 2013 to Present   Technical lead for all Windows systems and vSphere environment   Focuses on automating preventative maintenance of all systems to maximum uptime   Improved Windows OS security by using principle of least privilege   Fully automated Windows 10/2016 machine image builds with Packer after each Windows update release   Created numerous PowerShell modules and scripts to automate IT processes such as user creation, system monitoring, patching and troubleshooting   Reduced physical servers by 70% by converting to virtual machines   Deployed load balanced Microsoft RemoteApp cluster for application virtualization   Designed and implemented automated server deployment process for Windows systems using MDT and PowerCLI   Completely automated Windows software management including third-party patching with Chocolatey   Deployed Duo two-factor authentication on Windows Servers   Automated bulk Windows 10 in-place upgrade process with PowerShell   Migrated Netapp data to FAS3240 HA cluster with Snapmirror including CIFS   Currently implementing configuration management of Windows servers with Puppet for infrastructure as code initiative   Linux server administration   Management of Netapp 7-Mode and cDOT HA cluster   Implemented Netapp Snapcenter for virtual machine backups   Upgraded Active Directory to 2012 R2 from 2003   Maintains operation documentation for departmental processes and operations   Monitoring of all servers with Nagios   Created PowerShell script to import Active Directory data into package tracking software system   Designed Windows server patching process with PSWindowsUpdate   Upgraded vSphere environment three times - 4.1 to 5.5 to 6.0 to 6.5

Systems Administrator Monmouth University - West Long Branch, NJ June 2011 to February 2013

Designed, and carried out the migration of 10,000 student email accounts from on premises system to Office 365   Used Forefront Identity Manager to synchronize user objects from on premises Active Directory to Azure AD   Management of on-premises Exchange and Office365   Use of PowerShell to create various Active Directory and Exchange scripted reports such as mailbox usage, mobile device connectivity, and security auditing   Technical support lead for over 12,000 end users for service requests pertaining to client/server applications   Implemented advanced data center monitoring of servers via SNMP, WMI, and Dell OpenManage   Worked with web development staff while building web applications in IIS   Implemented and supported Ektron content management system Systems Administrator Watchung Hills Regional High School - Township of Warren, NJ January 2007 to June 2011   Deployment of VSphere 4.1 on Dell R710 servers with Equallogic PS6000 SAN   Deployed and managed Citrix server farm Installation/Configuration of Symantec Backup Exec 2010 R2 for disaster recovery of physical and virtual environment   Managed Websense for network filtering   Basic management of Cisco switches, firewall and router Education Master of Science in Information Systems in Business Decision Making New Jersey Institute of Technology - Newark, NJ January 2018 Skills Backup exec (4 years), Catalyst (Less than 1 year), Cisco (4 years), Citrix (4 years), Cms (Less than 1 year), content management system (1 year), Exchange (1 year), Forefront identity manager (1 year), Ghost (Less than 1 year), Git (Less than 1 year), Iis (1 year), imac (Less than 1 year), Internet information services (1 year), Ios (Less than 1 year), Linux (6 years), Nagios (6 years), Netapp (6 years), Packer (6 years), Symantec (4 years), Veritas backup exec (4 years)

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