Andrew Clement

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PROFESSIONAL STATEMENT

Virtualization Engineer with 5+ years of experience installing, configuring and maintaining servers and infrastructure. Extensive experience with VMware vSphere, Windows Servers, and Linux Servers

CERTIFICATIONS & CORE COMPETENCIES

Certifications: VMWare VCP-DCV 2021, VMWare VCP-DM 2021, Dell Associate ISAM V 4, MS AZ-900
Applications: Microsoft SQL, MySQL, Microsoft Active Directory, IIS Web Server, DNS,DHCP,
VMware Software: VMware vSphere, ESXi Server 5.5-7.0 ,vSphere 5.5- 7.0, VMware Horizon 7.9-8.0
Operating Systems: Windows 7-10;Windows Server 2003-2019, Linux (RHEL/Ubuntu/Debian), Android, and OS X

EXPERIENCE

TENNESSEE VALLEY AUTHORITY, Chattanooga, TN   2021-Present

TENNESSEE DEPARTMENT OF TRANSPORTATIONS, Nashville, TN   2019-2021
Network Operations Contractor (Virtualzation/System Engineer)
- Served as VMware SME for HQ VMWare environment handling all patching and management of two clusters
- Collaborated with Dell Engineers to deploy and install two VxRail clusters with dedicated vCenter Appliance utilizing vSAN for storage backend
- Organized migration of TDOT's 20 VM legacy Microsoft Hyper-V Environment to a new VMware vSphere environment running on Dell VxRail hardware using VMware's toolset
- Managed Dell Isilon hardware and user shares for all IT divisions including auditing and file restores as required
- Led bi-weekly change management meeting for TDOT IT HQ division.
- Performed daily tasks utilizing ticketing system ranging from root cause analysis of problems, application upgrades, or backend changes

STEWARD HEALTHCARE (Formerly IASIS Healthcare)**,** Nashville, TN   2017-2019
System Engineer
- Managed over 2,000 physical and virtual servers across various hardware (Dell, Cisco USC, and Lenovo) and software configurations (Windows and Linux). Virtual servers ran on both VMware vSphere and Citrix XenCenter on over 300 ESXi hosts at multiple locations
- Oversaw over 300 Microsoft SQL servers to assure proper maintenance, backups, and full functionality
- Supported 24/7 operations, including on-call duties, ensuring 100% uptime of applications
- Created and managed VMs (Virtual Server) and maintained Virtual Servers
- Coordinated planned downtime with business application owners to provide upgrades and OS updates
- Ensured proper backups in physical and virtual environments. Ensure backups were performed, and troubleshooting any issues.

ENEVO (IoT Waste Management Industry), Nashville, TN   2016-2017
Technical Support Engineer
- Utilized Enevo's in house and industry tools to process and manage devices, including using Enevo's public and private API. Created custom reports using MySQL for client usage

ETRANSX (Healthcare Interfacing Industry), Nashville, TN   2015-2016
Application Support Engineer
- Led for Health Information Exchange (HIE) Integration for the State of Alabama Medicaid. Configured complex implementation of integration and storage workflows based upon client needs

EDUCATION

THE UNIVERSITY OF TENNESSEE AT CHATTANOOGA, Chattanooga, TN   December 2013
Bachelor of Science in Electrical Engineering