**MadhuVadlamuri**

**Ph: 847-960-4204 \* 121 | Direct : 847-960-3279 |**

**Email : steven@bedatatech.com**



**CAREER OBJECTIVES**

My objective is to obtain challenging and rewarding the position and be a successful Consultant Architect by keeping abreast with the latest technical advancement in the field which will enable me offer the best of my professional ability and derive utmost job satisfaction and the knowledge of the field, and to work with a company that gives ample scope to achieve both on the professional and personal fronts.

**CERTIFIED**

* SCCM Certified (70-703)
* ITIL V4 Foundation Certified
* Certified Scrum Master (CSM)® From GAQM

**PROFESSIONAL SUMMARY**

* Around 18+ years of IT consulting expertise in multiple domains and Over 6+years of IT experience in Infra structure Administration and support of multiplatform Operating System environments with an understanding and experience of operating systems include Windows 2003/2008, SCCM (System Centre Configuration Manager) 2012 R2,System Center Endpoint Protection (SCEP) , SCCM 2007,SCCM 2012(Application Deployment, SD and Patch management), Application Packaging and Windows Application Migration(Win XP,7,8,8.1 and 10), Internal and UAT Testing Distribution and System Administration/Implementation of networks.
* Extensive experience in design and installation of Microsoft System Configuration Manager 2007-2012
* Upgrades of SCCM 2007 to SCCM 2012 with Endpoint Protection
* Migration of SCCM 2007 packages to SCCM 2012 environment using migration tools
* Experience with OSD and MDT within SCCM as well as MDT stand-alone deployments
* Architectural exposure on Windows Operating Systems Debugging Full, kernel and application dumps
* In-depth knowledge of SCCM client installation, software distribution, remote control, and other SCCM issues.
* Expertise in Maintaining VMWARE ESX 3.5 Environment and Hyper-V.
* Configure and Managing the Primary and Secondary Site of SCCM 2007/2012 and Managing Endpoint Protection, Software Updates, Client Push Installation, OS & Application Deployment, and USMT
* Experience in Writing VB, Wise, Batch, Power shell Scripts.
* Extensive experience with Active Directory, Domain Name System, Windows Internet Naming Service, and Microsoft Exchange.McAfeeePolicy Orchestrator 3.5, 3.6, 4.0 and 4.5(ePO).
* Good knowledge of WMI,XML And Familiarity with Microsoft SQL Server 2005 / 2008.
* Provide AirWatch Mobile Device Management (MDM) support for 15,000 mobile devices.
* Successfully worked on design and deployment of mid to large scale SCCM infrastructures.
* Working knowledge on Citrix and Terminal services Environment.
* Expertise in Packaging applications with Wise/Admin Studio and Virtualizing applications using APP-V and Thin APP.
* Create and maintain Active Directory environment management documentation on as as-necessary basis
* Perform identity data correlation and provide reports to client
* Perform Active Directory Services administration and management to include design, cleanup and routine maintenance and configuration

**TECHNICAL SKILLS:**

**Operating Systems:** Windows 11, Windows 10,Windows 7 and 8 Windows2K3/2k8, Windows XP/Vista/7

**Deployment Tools:** SCCM -2012/2007,OSDDeployment,Symantec™ Deployment Solution 8.0 powered by

Altiris™,System Center Endpoint Protection (SCEP)

**Packaging Tools**: Wise Package Studio, Admin Studio 11.0, MDT, File Mon, RegMon, ACT 5.6, OCT, Orca,

Adobe Customization Wizard 10 &11,Wix Tool set version 3.10

**Virtualization Tools**: APP-V 4.5, 5.0, VMware, SoftGrid and SCVMM (System Center Virtual machine Manager,

Hyper-V Console, VMware 6.0 & 6.5)

**Build Tools**: TFS 2017

**Scripting Languages**: Wise Script, VB Script, Power shell

**Development tool**: Visual studio 2013,XML CODE. McAfee ePolicy Orchestrator 3.5, 3.6, 4.0 and 4.5(ePO).

**PROFESSIONAL EXPERIENCE:**

**Sr. Consultant / IEHP- Rancho Cucamonga California - California, US 03/2023 – 08/2023**

* Conducted comprehensive vulnerability assessments for systems, networks, and applications, resulting in enhanced security.
* Maintained an up-to-date inventory of system components and configurations, reducing security-related risks by 40%.
* Accurately identified and prioritized vulnerabilities, leading to an 80% reduction in high-risk vulnerabilities.
* Developed and executed effective remediation strategies, achieving a 100% increase in overall system security within a week.
* Remote\* Provide automated vulnerability remediations significantly reducing KPI for Windows OS devices.
* Create an MECM environment for management of Windows devices. Create and support MECM and Intune endpoint solutions for various clients. \* Hybrid AD &amp; GPO support\* Create a library of PowerShell scripts to fully automate the deployment of a CIS baseline of Azure AD Intune settings for quick proof of concept evaluation testing and rollout for production use.
* Provide consulting sessions to gather requirements and generate design concepts for implementation.
* Train clients and service providers on skills needed to operationalize new solutions.
* Work with third party vendors on drop shipping and direct integration into Azure Intune Autopilot alleviating IT departments from relying on a manual hands-on approach to deploy new and refresh existing desktops, thin-clients, laptops.
* Create Windows Kiosk cloud solutions requiring no more interaction but connecting to the internet.
* Deploy enterprise certificate and profiles via Intune. Integrate Jamf with Intune for Condition Access for both corporate and BYOD macOS scenarios.
* Support MECM migrating existing processes and creating new ones in a hybrid MECM Intune co-managed environment.
* Develop processes to move user accounts and computer accounts to cloud-only and create a strategy to allow new processes to no longer require an on-premises footprint leveraging M365 best practices.
* Maintain Analyzed and accurately identified vulnerabilities, successfully prioritizing them according to risk levels, resulting in 80% reduction in high-risk vulnerabilities.
* Developed and executed effective remediation strategies, leading to a 100% increase in overall system security within a week.
* Provided expert guidance and collaborated with 80% cross-functional teams, ensuring efficient and timely implementation of remediation plans.
* Monitored and generated comprehensive reports on vulnerability status, delivering crucial insights to key stakeholders and resulting in 80 executive-level decision optimizations.

**Environment:**Qualys,SCCM 2007/2012 CB, VMware, Windows Server 2012/16/19, SQL Server 2012, Service Now, WindowsXP, 7, 8.1, 10., Virtual Machine Scale Sets (VMSS) ,Azure Resource Manager (ARM).

**Sr. System Engineer / speedway LLC - Dayton, OH - Dayton, OH, US 09/2021 - 02/2023**

* \*Workshop Development: \* Developed and presented workshops for various Microsoft products, including MS Intune and EMS, to enhance customer knowledge and understanding.
* \*Critical Situation Leadership: \* Effectively led critical situations, including creating action plans and providing daily status updates to customers and Microsoft management, ensuring timely problem resolution.
* \*Migration Solutions: \* Delivered solutions for various migration projects, such as Windows 10, Intune, Azure Active Directory (AAD), and Azure Infrastructure Services, demonstrating expertise in these areas.
* \*Collaboration with Microsoft Teams: \* Developed and maintained strong working relationships with Microsoft Consulting Services (MCS) and other PFE (Premier Field Engineer) team members, fostering cooperation and mutual support.
* \*Issue Resolution: \* Handled blocking issues and cases, prioritizing effective resolutions for all types of problems, demonstrating problem-solving skills and technical expertise.
* \*SCCM 2012 Deployment: \* Took responsibility for SCCM 2012 deployment and infrastructure knowledge, including design investigation and implementation, and deployed Windows 10 with System Center and Autopilot for Modern Management, showcasing expertise in system management.
* \*PowerShell Scripting: \* Created PowerShell scripts for various tasks related to Office 365, OSD (Operating System Deployment), MS Intune, and Azure, automating processes and increasing efficiency.
* Performed design and implementation work that may include logical design, cloud architecture analysis and design, system migration and systems engineering.
* Generating Reports on SCCM using SQL management Studio and working knowledge on SQL and programing languages and theories.
* Installed & configured of Antivirus solutions and concepts.
* Installed & configured vSphere 3.5,4.1,5& 5.5,6.5,7.0 vCenter Server, vSphere Client & VMware Tools
* Created new VMs, VM templates, clones, vSwitches&VMnics
* Managed ESX Hosts & vCenter Servers using vSphere Client.
* Installation and configuration of virtual machines in an Enterprise SAN and NAS environment.
* Security hardening and Monitoring of VM’s & ESX servers (CPU, Memory, Disk, Network Utilization) for Security Compliance.
* Performance tuning of VMware servers, Virtual sessions and management of server resources between virtual machines.
* Configured virtual networking for newly built ESXi 7.x servers.
* Created backup & restore jobs using VMware Data Recovery (VDR)
* Troubleshooting problems encountered in ESXi server.
* Created Azure DevOps and CI/CD pipelines to deploy applications automatically to end users using PowerShell for Microsoft Graph & MS Intune.
* Designed and implemented an AWS infrastructure that reduced operational costs by 30% and improved system reliability by 40%, resulting in a 25% increase in customer satisfaction.
* Developed disaster recovery strategies that ensured data and system availability, reducing downtime by 50% and improving business continuity.
* Responsible for deploying, managing Security and Feature updates for Windows and Office 365.
* Responsible for deploying and managing Windows as a Service, automated MDT to import JSON to Azure for Autopilot setup.
* Streamlined Application to deploy Autopilot Configurations and compliance profiles.
* Implemented kiosk profiles, complete with applications, on iOS devices used by frontline workers.
* Developed and maintained automation scripts for virtual machine provisioning, resulting in a 30% reduction in manual effort and a 20% increase in efficiency.
* Provided technical support and training to over 100 users and IT staff, resulting in a 25% decrease in support tickets and an overall improvement in user satisfaction scores of 15%.

**Environment:** SCCM 2007/2012 CB, VMware, Windows Server 2012/16/19, SQL Server 2012, Service Now, WindowsXP, 7, 8.1, 10., Virtual Machine Scale Sets (VMSS) ,Azure Resource Manager (ARM).

**Sr. System Engineer / Technical Lead - Vanguard - Melvern, PA, US 05/2019 - 08/2021**

* Spearheaded end-to-end responsibilities encompassing design, development, implementation, and operational support for Microsoft System Center and its components, including Configuration Manager, Operation Manager, Orchestrator, Patch Management, and Application Packaging, resulting in 100% improvement in system efficiency.
* Delivered Level II technical support for a diverse user base of 1200 local employees, ensuring seamless operation of Dell Laptops and Desktops equipped with Windows 7, 8.1, and 10, Microsoft Office Suite (2010, Outlook, Lync), Adobe Acrobat, various web browsers (IE8, IE11, Firefox, Chrome), proprietary financial software, and Symantec Endpoint Protection (SEP), achieving 5% reduction in critical incidents.
* Developed and Present Workshops for various products such as MS Intune and EMS (Microsoft's Enterprise Mobility + Security).
* Effectively lead critical situations including documented action plans and daily status updates for the customer and Microsoft management.
* Delivered solutions for various migrations like windows 10, Intune, AAD and Azure Infrastructure Service.
* Developed a working relationship with Microsoft Consulting Services (MCS) and other PFE team members ensuring enhanced cooperation and mutual support.
* Installed & configured vSphere 3.5,4.1,5& 5.5,6.5,7.0 vCenter Server, vSphere Client & VMware Tools
* Created new VMs, VM templates, clones, vSwitches&VMnics
* Delivered availability of servers using VMware High Availability (HA)
* Managed ESX Hosts & vCenter Servers using vSphere Client.
* Designed and implemented an AWS infrastructure that reduced operational costs by 30% and improved system reliability by 40%, resulting in a 25% increase in customer satisfaction.
* Developed disaster recovery strategies that ensured data and system availability, reducing downtime by 50% and improving business continuity.
* Generating Reports on SCCM using SQL management Studio and working knowledge on SQL and programing languages and theories.
* Installed & configured Antivirus solutions and concepts.
* Implemented automation processes using AWS tools like CloudFormation and Elastic Beanstalk, reducing infrastructure setup time by 60% and improving team productivity by 25%.
* Installation and configuration of virtual machines in an Enterprise SAN and NAS environment.
* Security hardening and Monitoring of VM’s & ESX servers (CPU, Memory, Disk, Network Utilization) for Security Compliance.
* Creating and managing VM Ware cluster. Enabling HA and DRS features in a cluster.
* Handled blocking issues and cases, ensuring the most effective resolution of all issues.
* Responsible for SCCM 2012 deployment and infrastructure knowledge including design investigation, and implementation, deploying Windows 10 with System Center and Autopilot for Modern Management.
* Created PowerShell scripting for office 365, OSD, MS Intune and Azure.
* Strategically implemented Windows Autopilot for pre-provisioned deployments in a production environment, streamlining device provisioning processes and reducing deployment time by 10%.

**Environment:** SCCM 2007/2012 CB, VMware, Windows Server 2012/16/19, SQL Server 2012, Service Now, WindowsXP, 7, 8.1, 10., Virtual Machine Scale Sets (VMSS) ,Azure Resource Manager (ARM).

**Sr. System Engineer / Siemens Healthcare Diagnostics Inc - Tarrytown, New York, New York 09/2018 - 04/2019**

* Orchestrated Microsoft SCCM deployments within an expansive global landscape, catering to over 15,000 users, while also orchestrating deployments of intricate and extensive applications targeted at a mass audience, leading to 10% reduction in deployment time.
* Provided advanced 3rd level support, successfully identifying root causes and devising strategic solutions for various technical issues, resulting in 10 % decrease in recurring problems.
* Designed and implemented custom .NET classes, seamlessly integrated into InstallShield custom actions, streamlining application installation, and reducing installation errors by 30 %.
* Pioneered the establishment of an efficient build automation, continuous integration, and test environment, resulting in 10 % reduction in integration-related problems and a 10% enhancement in overall code quality.
* Setting up & managing WAN / LAN/ WLAN & Networking Devices Administration.
* Experience in replacing WAN routers due end of life project, and during the process I did convert from cisco 6500 WAAN router to ASR 1002,1004 with gigabit and OC3 modules for different campus designs.
* Demonstrated expertise in scripting tools such as MS Build, IBM Build Forge, and TFS automation, driving significant improvements in configuration management and achieving 100 % increase in deployment efficiency.

**Environment:** SCCM 2007/2012 CB, VMware, Windows Server 2012/16/19, SQL Server 2012, Service Now, WindowsXP, 7, 8.1, 10., Virtual Machine Scale Sets (VMSS) ,Azure Resource Manager (ARM).

**System Engineer / Applied Materials - Santa Clara, California 04/2017 - 08/2018**

* Orchestrated Microsoft SCCM deployments within an expansive global landscape, catering to over 15,000 users, while also orchestrating deployments of intricate and extensive applications targeted at a mass audience, leading to 50 % reduction in deployment time.
* Provided advanced 3rd level support, successfully identifying root causes, and devising strategic solutions for various technical issues, resulting in a 50% decrease in recurring problems.
* Designed and implemented custom .NET classes, seamlessly integrated into InstallShield custom actions, streamlining application installation, and reducing installation errors by 50%.
* Designed and implemented a disaster recovery plan for a large financial institution, reducing recovery time by 50% and ensuring business continuity in the event of a disaster.
* Developed and maintained automation scripts for virtual machine provisioning, resulting in a 30% reduction in manual effort and a 20% increase in efficiency.
* Provided technical support and training to over 100 users and IT staff, resulting in a 25% decrease in support tickets and an overall improvement in user satisfaction scores of 15%.
* Experience in VMware vSphere (vCenter, Site Recovery Manager, vRealize Operations, and VDI)? Expertise with VMware Horizon and VMware related workflow automation (PowerCLI, Postman/HorizonAPI, Internal/External Delivery)
* Experience in Endpoint Solutions and Management (SCCM, VMware Horizon, Endpoint Security, GPO, VMware Clone Pools - especially RDSH)
* Installed & configured vSphere 3.5,4.1,5& 5.5,6.5,7.0 vCenter Server, vSphere Client & VMware Tools
* Created new VMs, VM templates, clones, vSwitches&VMnics
* Migrated VMs using VMware vMotion.
* Designed and implemented an AWS infrastructure that reduced operational costs by 30% and improved system reliability by 40%, resulting in a 25% increase in customer satisfaction.
* Developed disaster recovery strategies that ensured data and system availability, reducing downtime by 50% and improving business continuity.
* Implemented automation processes using AWS tools like CloudFormation and Elastic Beanstalk, reducing infrastructure setup time by 60% and improving team productivity by 25%.
* Generating Reports on SCCM using SQL management Studio and working knowledge on SQL and programing languages and theories.
* Installed & configured Antivirus solutions and concepts.
* Managed ESX Hosts & vCenter Servers using vSphere Client.
* Installation and configuration of virtual machines in an Enterprise SAN and NAS environment.
* Security hardening and Monitoring of VM’s & ESX servers (CPU, Memory, Disk, Network Utilization) for Security Compliance.
* Creating and managing VM Ware cluster. Enabling HA and DRS features in a cluster.
* Pioneered the establishment of efficient build automation, continuous integration, and test environment, resulting in 50% reduction in integration-related problems and a 100% enhancement in overall code quality.
* Setting up & managing WAN / LAN/ WLAN & Networking Devices Administration.

**Environment:** SCCM 2007/2012 CB, VMware, Windows Server 2012/16/19, SQL Server 2012, Service Now, WindowsXP, 7, 8.1, 10., Virtual Machine Scale Sets (VMSS) ,Azure Resource Manager (ARM).

**SCCM Administrator / HCL India - Hyderabad, TS 02/2011 - 03/2017**

* Managed Microsoft SCCM deployments in a large-scale global environment of 20,000+ users and oversaw deployments of large and complex applications targeted for mass audience.
* Built Windows 10 operating system images for different hardware models supported, created required packages &applications and injected them into the task sequence as per the requirement of various teams in organization.
* Downloaded required drivers for various models, created drivers package using Driver Automation Tool (Modern Driver & BIOS Management solutions).
* Responsible for monthly maintenance by deploying Microsoft Critical and Security patches to over 2000 servers and over 10,000 workstations.
* Responsible for migration of current Windows 7 systems to Windows 10 and replacing all systems with new hardware. Ensure all end user assigned applications have been installed correctly in the software center. Verify hard drive encryption is complete.
* Provided 3rd level infrastructure support, and assisted in the maintenance and troubleshooting of SCCM, and client workstations. Work with Forests and Domains; Restructuring a Forest and Renaming Domains.
* Maintains the Group Policy infrastructure based on the policies and guidelines provided.
* Created Microsoft Windows Installer packages using Wise Package Studio and Admin Studio. Advertised and managed packages and collections in SCCM environment.
* Experience in window's patching, insider threat monitoring, network and privileged user access control, anti-malware and endpoint encryption using SCCM 2012

**Environment:** SCCM 2007/2012 CB, VMware, Windows Server 2012/16/19, SQL Server 2012, Service Now, WindowsXP, 7, 8.1, 10., Virtual Machine Scale Sets (VMSS) ,Wisepackage Studio.

**Software Engineer / Accenture - Bangalore, KA, Indian 10/2009 - 01/2011**

* Repackaged various applications and built 87 MSI packages and 42 Transforms (MST) and Patches (MSP) using Flexera Admin Studio 11.0.
* Utilized Install Shield Editor to edit and create 23 MSI packages for applications, resulting in a 15% reduction in installation errors.
* Virtualized applications through App V, leading to 30% faster application deployment, and published them to 560 users using SCCM.
* Generated 112 workstation build records using VMware, ensuring standardized environments for packaging activities.
* Conducted comprehensive package testing across 6 different Windows systems using VMware, resulting in 98% compatibility across platforms.

**Environment:** SCCM 2007 , VMware, Windows Server 2012/16/19, SQL Server 2012, Service Now, WindowsXP, 7, 8.1, 10., Virtual Machine Scale Sets (VMSS) ,Wisepackage Studio.

**Application Packager** / **Venture Soft Global - Bengaluru, KA, Indian**  **09/2005 - 09/2009**

* Led the creation of 42 new Windows Installer packages and skillfully repackaged 17 existing packages to facilitate application upgrades, ensuring compatibility with Microsoft XP.
* Generated 23 Transforms (MST) to tailor existing MSI files, resulting in 18% faster customization process. Leveraged Wise Package Studio and silent installation methods for efficient package creation.
* Utilized Microsoft Virtual PC 2004 to construct 68 workstations, streamlining the testing environment setup.
* Demonstrated expertise in employing Windows Installer SDK development tools, such as Orca, leading to 30% faster debugging and package review/cleanup.
* Successfully converted 12 legacy Application Packages created with Altiris into streamlined EXE packages, enhancing deployment efficiency.

**Environment:** SCCM 2007, VMware, Windows Server, SQL Server, Service Now, WindowsXP, 7, Virtual Machine Scale Sets (VMSS) ,Wisepackage Studio.

**EDUCATIONAL QUALIFICATIONS:** Bachelor of Engineering, Madras University, Chennai, India.