Matthew R Sweet II

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I am a Senior Site Reliability Engineer with thirteen years of experience in Windows Server infrastructure planning, design, and implementation. I have mastered the fundamentals of infrastructure capacity planning, scalable service design, SaaS service health monitoring, and sustained engineering. Several of my colleagues and mentors have stated that my technical writing and systems documentation is of the highest quality and accuracy.

▬▬▬ Work Experience

Since Sep 2013

Senior Site Reliability Engineer for Microsoft Corporation (Bellevue and Redmond, WA)

Part of the Dynamics 365 Engineering Quality team. This position includes working closely with Software Engineers, Program Managers, and other technical staff to create and manage globally accessible SaaS offerings within the Dynamics 365 software collection.

Day to day work includes working with flexible, scalable infrastructure and Azure solutions to create and manage complex, redundant web applications. For the Dynamics 365 Marketing product I decreased the attack surface area by 50% while working on the mega project to bring all Dynamics 365 Marketing services into Azure.

I have become a primary mentor for all Dynamics 365 SRE and Security new hires as well as a SRE methodology training instructor. I am also on the change approval board for all pre-production and production changes made to several of the Dynamics 365 codebases.

Daily tasks require expert level knowledge of MSSQL, Powershell, C#, Python, Azure REST APIs, AzureSQL, IIS, DNS, AppDynamics, ThousandEyes, and various Solarwinds monitoring systems.

July 2010 Sep 2013

Windows Systems Engineer for Catalyst Computer Technologies (Chandler, AZ)

New installs and on-prem-to-cloud migrations included Server 2012 running Hyper-V 3.0 and Powershell 3.0. Have configured AD, Group Policy automation, DNS, DHCP, IIS, SharePoint, Hyper-V leveraging iSCSI targets and MPIO. Specialization in supporting 24-hour facilities.

Carried out several migrations to Office 365 from in-house exchange environments, this included mailbox migrating using customized Powershell scripts. Used Powershell for mailbox cleanup and permissions population.

Planned and implemented the initiative to standardize all of the network documentation for domestic managed clients using a centralized wiki for all support teams using Microsoft SharePoint. This documentation was the result of days of SNMP trapping and network mapping.

April 2009 July 2010

IT Project Manager for Wee Care Family Clinic Corp (Mesa, AZ)

Oversaw the entire technical environment for the clinic. Developed and managed the Windows Server forest. Deployed and maintained the office network as well as all VPN connections to various EHR Exchanges. In charge of all network security for HIIPA compliance.

Planned and executed the migration to a completely HIIPA-compliant infrastructure, saving the company roughly $50,000 in consulting costs.

June 2008 April 2009

Windows Systems Administrator for Mayor Technologies Inc (Chandler, AZ)

Worked as part of a team of Tier 2 technicians engaged in 24x7x365 support for business networks and Windows servers. This included Server 2003/2008 Active Directory management, network topology upgrades, and SMB SSLVPN management.

Monitored and maintained 26 SMB office networks to insure 100% uptime of all workstations, servers, and gateway routers/switches. This included regular maintenance of Active Directory, Exchange 2003, Terminal Services, and WSUS.

May 2005 June 2008

Systems Administrator for Atomic Medium Inc (Tempe, AZ)

Windows Server 2003, Windows Server 2000, Redhat Linux 7.2, SuSE Linux, and WinXP embedded workstations to control semiconductor tools and robots.

▬▬▬ Major Proficiencies:

Microsoft	Azure, AzureSQL, Windows Server, SQL Server, IIS, .NET, Visual Studio with TFS
Monitoring	Puppet, NAGIOS, Check_MK, AppDynamics, Solarwinds DPA, Solarwinds SAMThousandEyes, Git
Scripting	Powershell, Python, Ruby, VIM
Networking	CISCO Routing and Switching, F5 Networks BigIP, F5 Networks LTM, Azure Load Balancer
Misc	See my github

▬▬▬ Technical Details:

Windows

12 years of experience working with various Windows infrastructure implementations and automation.

Expert at designing and maintaining Windows stacks using Windows Server, AzureSQL or MSSQL, IIS, .Net Core, etc. This includes Group Policy management, DNS management, Microsoft SQL performance tuning and maintenance, and various stack maintenance leveraging Powershell and C#.

SRE

6 years of experience as part of various SRE teams focusing on highly scalable system design and sustained maintenance.

This included researching and implementing new languages, methods, and monitoring

frameworks. 3 years of experience training old and new engineers SRE methodologies and best practices.

Network   *7* years of experience designing and implementing networking solutions.

This includes high-availability systems using CISCO Routing and Switching, CISCO Unified Wireless, IPSEC VPNs, DMVPNs with GRE, RUCKUS wireless mesh and STRIX Wireless mesh networking technologies. 3 years of maintaining soft network structures such as those found in Amazon AWS and Microsoft Azure.

Document   *10* years of experience assisting with large-scale IT project design and preparation.

In addition, 5 years experience with preparing documentation and procedures for training in-house technical staff and for educating vendor/client staff teams.

V-Host   *7* years of experience maintaining virtual server clusters.

Using technologies like Hyper-V and VMware ESXi in conjuction with Microsoft Azure offerings to solve complex business problems both on-premise and in datacenters.

This also includes 5 years of experience in migrating to Microsoft Azure, buildout and capacity planning, as well as maintenance of Azure microservices.

Security   *8* years of experience reviewing and hardening Windows and Azure infrastructure systems for ISO27001 compliance, HIIPA compliance standards, as well as various US and EU government mandated standards.

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