**Kirby Brown**

**kirbygbrown@outlook.com**

**ibcs\_1@hotmail.com**

917-889-1881

**SUMMARY**

**Sr. IT Technical Systems Engineer**

Sr. IT Technical System Engineer, Infrastructure Consultant with experience in Architecture and implementation IT Engineering. Objective: Obtain a challenging position in an environment for design, of implementation of automation manage Infrastructure environment while utilizing skills sets and creativity for Infrastructure for Server and client environments experience in supporting multiple domains and environmental networks. Communicate well one-on-one, or before large groups, or with a planning team. Windows, UNIX, Linux, Sun, HP, IBM, Dell. Worked in environments/projects as big as 200,000+seats with 4,000+ physical locations and teams as big as 20+ consultants. / - developed extensive expertise in architecting and integrating business solutions based on Microsoft windows 2008R2/2012/windows, Strong project management skills. Prioritize and handle multiple projects simultaneously worked on several engagements designing, architecting and implementing designed and Automation implemented server and client enterprise solutions. / - worked on several engagements related to end user desktop computing environment as an architect, and led teams during planning, design and deployment of corporate desktop standards across global environment. /

Extensive experience in LAN and WAN communications and networks and PC hardware and software. Background covers Aerospace, Petrochemical and Energy companies, Process Automation, Government, Legal Firms and Medical and Health industries. Implementation of programming and development tools and design software system. Troubleshoot, repair, configure, modify or develop at hardware and software levels. Accomplish from small to large enterprise business architect solutions of taking the responsibilities of the highest achievements of completing systems which will adequately support the enterprise infrastructure of the organization. Experience in supporting integration and migration of applications and deployment and development of Applications.

**PROFESSIONAL EXPERIENCE**

[**Hartsfield-Jackson Atlanta International Airport**](http://atlanta-airport.com/) **/AVS/ SCCM Eng. System Eng.Mar2017/Aug.2017**

Implementation for infrastructure assessment to procure SCSM, SCCM / SCOM / SCORCH implementation assessment of the airport AVS environment will narrate the best practices to design, develop, SCCM Infrastructure, and maintain automated software distribution and automation of functionality of systems infrastructure, servers, workstations laptops, peripheral, devices, AVS networks systems

Assessment of Active Directory structure.

Assessment of network systems structure.

Assessment of all Physical layers and functions.

Assessment of application and DFS and Filing systems.

Assessment of application Compliance.

Implemented Microsoft map.

Evaluate AVS security and policies.

Implement plans to build Test production environment for testing.

Planning a measure of clean-up and reorganize of active directory and security policies.

Evaluate company OS image for workstation, desktops, laptops.

All implementation assessment, is done for a new SCCM installation site for AVS to automate company environment.

**Assurant Company System Engineer Oct 2016 Feb 2017**

Staging, configuration and implementation for company migration and integration, Server implementation for monetization and creating dashboards for IMV monitoring tool assessment of environment of company network and servers assessment of database server Oracle and Microsoft SQL , capturing server process and modules for monitoring tool utilizing PowerShell scripting , VB ,Scripting, C++ ,VB, creating Dashboard for administered automation and troubleshooting of server processes and modulation processing..

**Innovative Business Concept Solutions System Engineer Cambridge NJ Mar 2016 Oct.2016**

* Designed, developed, planned and implementation for deployment of Server / Desktop / Laptops Tablets. Provided desktop management core infrastructure services within MS 2012R2 \ SCSM , SCCM 2012/ SCORCH, SCOM/ Servers for Active Directory Service.
  + Implementation for deployment for SCCM 2012 configuration of SCCM task sequence
  + Implementation for SCCM 2012 configuration of application catalog for clients
  + Implementation for SCCM 2012 configuration of OEM / PXE images for clients
  + Implementation and configure SCCM dashboard’s wizard-based tools
  + Implementation for SCORCH, SCOM, Orchestrator / automate / creation of run books, monitoring, and deployment of resources in company environment
  + Implementation of SQL creating PowerShell dashboard for SSRS reporting functions of the dashboard to pull and push report queries of SQL, designing functions with report builder, SSAS, SSIS, SSRS.
  + Implementation IBM Big Fix End Point, Patch Management , Inventory, Server Automation ,Security, Lifecycle Management to a maximum of 250k nodes prioritizing risk vulnerabilities and management.
  + Integration Microsoft SCCM 2012 Service Now Integration into SCCM creating dashboard for reporting form SQL. JDBC plugin
* Implementation of MDT System Images Win7 / Win10 / MDT integration / Device / DISM / Drivers packages / Driver Package Operating, OEM image Policy.
* Implementation for USMT customizable user-profile migration experience, Scan State, Load State, and Usmt Utils, modifiable .xml, Mig App.xml, MigDocs.xml, and MigUser.xml , Config.xml , create User And System , created SCCM Policy , rule processes for migrations , migrate application settings , operating system settings.
* Server Implementation / Server Backup Implementation / server replication
* Implementation of patch management process. Rollup patching, security patching, update patching
* Utilizing VB Scripting, PowerShell / Script Automation / Dashboard Design
* Design Dashboards with PowerShell for process automation functions for SCCM automation functions for every day Task.
* Design Dashboards with PowerShell for process automation functions and formulate to data reports or SQL data quires.
* Utilizing Samba and Bash and Java for multi-environment to commutate with the OS layers .
* Utilizing VMWare virtualization for test and development and administrative environments of production systems.
* Utilizing Hyper –V virtualization for test and development and administrative environments of production systems.
* Utilizing RunDeck, SCOM, Orchestrator for automation and process with runbooks
* Implementation of Microsoft Assessment and Planning(MAP) device tracking active devices and users is an inventory scenario well as for maintaining Active Directory information for the environment.
* Implementations of Microsoft SQL, SQL Server Management Studio application testing on multiple databases using Distributed transact and load (ETL) tasks. Using windows PowerShell 3.0 to automate management tasks and enhancements of SQL.SQL Server Integration Services (SSIS)
* Creating software packages / Adobe / MS Office / MS Apps. / Active X controls / custom scripting VB / PowerShell / App. Answer files / XML / ADM Configuration files / Reengineer packages for compatibly for windows 7 refresh and deployments. Maintain process and procedures, documents as well as documentation for troubleshooting SCCM deployment issues and data.
* Implementations of Linux Suse and SaltStack for automation, configuration management, security, software provisioning, application deployment.
* Oracle Cloud HCM Implementation for application, including reporting, data interfaces, and configuration of payroll flows per defined business requirements
* Designed, developed SOA Core infrastructure for company database /content indexing structure Service Repository. Increased organizational agility / increased business and technology domain alignment. Programming experience with J2EE technologies / Web Methods, Web Sphere / enterprise class Agile Project Management Tools / SDLC.

**Elavon US Bank Engineer** **Consultant Knoxville TN October 15 / Mar 16**

Implementation of automation of integrating system multi – platform Windows, Linux, AIX technical analysis software in to SCCM for rollup patching, security patching. Repairing and testing WMI and dependencies of software for windows Servers. Research for server dependencies for patching. Implementation of patch management process that includes risk Analysis and mitigation strategies, implementation of automated tools for Mission critical, Business critical, Business operational situations. Trouble shooting existing system for vulnerability and impaired functionality and lost data. Installation for SCCM 2012 Client for workstation and server, creating server publishing rules and Policy’s for DMZ server zones. Configuration of SCCM for patch management process. Implementation Tenable software for Vulnerability and processes readiness, and migration reports. Creating SCCM Policy and MP for Tenable integration. Maintain process and procedure documents as well as documentation for troubleshooting SCCM deployment issues and data Implementation Microsoft Security Compliance Manager. WUA programmatically, write WUA applications in several programming languages. Interfaces and objects that are accessible from PowerShell, Visual Basic, Visual Basic Scripting Edition (VBScript), JScript, and from C and C++. Implementation. Utilizing Bash and Java scripting for multi-layer environments. Implementation of FTM, ACH, CISP, cloud reporting, virtual terminal, gateway, integration …agile development.

**AIG System Engineer Consultant Houston Texas May15 / October15**

Configuration and development of system servers and desktop and laptop clients

Reorganizing SCCM structure and implementation and creating object collections within the organization and within SCCM for deployment function, creating Dashboards for administrative

Functions, implementations of SQL and creating query’s SSRS for information for daily functions. Writing custom scripting using PowerShell, VBS

**System Engineer Consultant Synchrony Financial Stamford Connecticut Oct14/May15**

Staging, configuration and for company migration and integration of separation of companies.

* Designed, developed, planned and implementation for deployment of Server / Desktop / Laptops Tablets. Provided desktop management core infrastructure services within MS 2008R2 \ SCCM 2012/ SCORCH, SCOM/ RunDeck, SCOM Orchestrator Servers
* Implementation for deployment for SCCM 2012 configuration of SCCM task sequence

Implementation for SCCM 2012 configuration of application catalog for clients

Implementation for SCCM 2012 configuration of OEM / PXE images for clients

Implementation and configure SCCM dashboard’s wizard-based tools

* Multi-Platform environment Windows and Linux Implementations and configurations.

Development MDT System Images Win7 / Win10 / MDT integration / Device Drivers packages / Driver Package Operating, OEM image Policy.

Implementation for USMT customizable user-profile migration experience, Scan State, Load State, and UsmtUtils, modifiable .xml, MigApp.xml, MigDocs.xml, and MigUser.xml, Config.xml, create User And System , rule processes for migrations , migrate application settings , operating system settings.

Implementation of patch management process. Rollup patching, security patching, update patching

Utilizing VB Scripting, PowerShell

Design Dashboards with PowerShell for process automation functions and formulate to data reports or SQL data quires.

Utilizing VMWare virtualization for test and development and administrative environments of production systems.

Testing Hyper – V virtualization for testing and development testing of apps.

Implementations of Microsoft SQL, SQL Server Management Studio application testing on multiple databases using Distributed transact and load (ETL) tasks. Using windows PowerShell 3.0 to automate management tasks and enhancements of SQL.SQL Server Integration Services (SSIS)

Creating software packages / Adobe / MS Office / MS Apps. / Active X controls / custom scripting VB / PowerShell / App. Answer files / XML / ADM Configuration files / Reengineer packages for compatibly for windows 7 refresh and deployments. Maintain process and procedures, documents as well as documentation for troubleshooting SCCM deployment issues and data.

**System Engineer Consultant Affinion Group November 2013 – May 2014 Trumbull Connecticut**

Staging, configuration, and development of system Servers, implementation, configuration, and deployment of service patch, security patch, regular patch, roll-ups... Dealing with ACL, DCL security environments. Implementation of automation of integrating system technical analysis software in to SCCM for rollup patching, security patching. Repairing and testing WMI and dependencies of OEM software for windows Servers. Research for server dependencies for patching. Implementation of patch management process that includes risk Analysis and mitigation strategies, implementation of automated tools for Mission critical, Business critical, Business operational situations. Trouble shooting existing system for vulnerability and impaired functionality and lost data. Installation for SCCM 2012 Client for workstation and server. Configuration of SCCM for patch management process. Implementation Microsoft Assessment and Planning (MAP) analyze environment’s readiness, and migration reports. . Maintain process and procedure documents as well as documentation for troubleshooting SCCM deployment issues and data Implementation Microsoft Security Compliance Manager. WUA programmatically, write WUA applications in several programming languages. Interfaces and objects that are accessible from Visual Basic, Visual Basic Scripting Edition (VBScript),Bash , JScript, and from C and C++. Implementation of WSUS server methods to determine if an update is needed by one or more clients in the group of company departments

**Technical IT Development Consultant INC. / Atlanta Ga. Sept 2012 / Jan 2014**

**Systems Deployment Technical Engineer Consultant**

Staging, configuration, and deployment of system Servers and desktop clients and network on a multi- platform and wireless devices. Develop and present deployment plan, staging and turnover documentation (Device configuration, design packages, OEM images, visio diagrams, Runbooks, coordinate with external partners, vendors, and clients for the network deployment and ensure proper. Monitor execution, and to suggest appropriate and timely corrective action for achieving of project objectives and targets.

* Designed, developed, planned and implementation for deployment of Server / Desktop / Laptops Tablets. Provided desktop management core infrastructure services within MS 2008R2 \ 2012 Servers for Active Directory Service, Samba 4.0, multiple domains and environmental networks, Linux Suse.
* Designing and developed deployment Images and packages for desktops /laptop / servers/ implementation of / Zero Touch Deployment strategy / OEM Boot Images PXE Operating System Images / MDT integration / Device Drivers packages / Driver Package Operating System Installation packages / task sequence package for SCCM / Microsoft Assessment and Planning Toolkit. Installing and configuring Configuration Manager 2007 R2 and its prerequisites, creating the required user and service accounts, and configuring Active Directory Domain Services.
* Designed, developed, and planned, Implementation of WDS / SCCM 07 / SCCM 2012 / SQL from ground up to a fully functional finished product of operation for administration.
* Develop and customizing windows user state migration tool (USMT) scripts for OS deployment creating and customizing task sequence templates / managing OSD Results and log files.
* Creating software packages / Adobe / MS Office / MS Apps. / Active X controls / custom scripting VB / PowerShell / App. Answer files / XML / ADM Configuration files / Reengineer packages for compatibly for windows 7 refresh and deployments.
* Software packaging tools and utilities, SMS Installer, MDT, DDT, BDD, MDOP, Change Base / VB scripting, Install Shield Admin Studio, Citrix AppDNA, Admin Studio, Agile Project Management Tools, Deployment with Ansible Config. SSH
* Implementations of Linux Suse and Ansible, for automation, configuration management, security, software provisioning, application deployment.
* Implementations of Samba integrated with Windows active directory.
* Implementation of Scom /Orchestrator environment management tools / Deployment manager / Runbook Designer / Runbook test tools
* Implemented and development and creations of run books / Management Packs
* Workflows / module / Templates / Monitoring Class Hierarchy / UI Generator / ORTXML / Remote Runbook Launcher CLI /Application Monitoring /Data Warehouse.
* Design infrastructure services within SCCM for packages / updates / rollup patches /service packs / security patches.
* Oracle Cloud Implementation for application, including reporting, data interfaces, and configuration. Oracle Fusion applications.
* Experience in implementing of supporting integration Testing and Development of App- V / Hyper V / VM Ware, LoadRunner, Google Web Toolkitfor use with GWT Implementation of Virtual application packages for testing and development. Virtual infrastructure, application streaming, publishing, deployment, and manage virtual applications and Server Virtual management.

**TechDev / System Engineer Consultant /Phoenix Arizona/Houston/Dallas / Jan 2012 June 2012**

**System Engineer Consultant**

* Designed, developed, planned and implemented
* Images for desktop and OEM images developed for desktops based on policy of company environment. Provided desktop management and support of automations.
* Reengineer packages for testing for compatibles for windows 7 for refresh and deployments.
* Create a custom master image by using Configuration Manager 2007 R2 to deploy Windows 7 to a master computer, customize the configuration, and then capture the custom image.
* Experience in architecting and deploying andImplementing and developing of SCCM /Microsoft Assessment and Planning Toolkit /Windows User State Migration Toolkit (USMT) / Application Compatibility Toolkit (ACT) /Configuration Manager 2007 R2 / 2012 SP1 and its prerequisites /Windows Automated Installation Kit (Windows AIK)
* Implementing software packaging tools, SMS Installer, MDT, DDT, BDD, MDOP, PXE, Change Base / VB scripting, Install Shield ,Admin Studio / Perl, srciptomatic, wise studio .
* Implementing [Microsoft Desktop Optimization Pack (MDOP)](http://www.microsoft.com/en-us/windows/enterprise/products-and-technologies/mdop/default.aspx)
* Implementation of Scom /Orchestrator for Monitoring Class Hierarchy / Create Runbooks for
* Experience in implementing of supporting integration Testing and Development of App- V / Hyper V / VM Ware. deploying Remote Desktop Session Host (RD Session Host)
* Implementation of Virtual application packages for testing and development. Virtual infrastructure, application streaming, publishing, deployment, and manage virtual applications and Server Virtual management.

**Innovative Business Concept Solutions / Dallas TX Aug 2011 - Dec 2011**

**Systems Infrastructure Engineer Consultant**

* Designed, developed, planned and implemented
* Core infrastructure services within MS server 2008R2 for Active Directory Service.
* IT infrastructure for a 60,000-node client, 20- 2003 servers, 30- 2008R2 servers.
* Provided desktop management and support automations
* Images for desktop and ISO images / PXE development /Zero Touch / developed for desktops based on policy of company environment.
* Designed, developed, planned Implementation of MS 2010 exchange server migrating from 2007 exchange server, from ground up to a fully functional finished product of operation for administration.
* Designed, developed, and planned, Implementation of SCCM/SQL
* Designed, developed, and planned, Implementation of SCOM, SCOM 2007 R2.
* Design, Management and support of Active Directory in a multi - Domain / Forest environment.
* Microsoft Office SharePoint Server 2007, Microsoft Office SharePoint Designer 2007 local and remote operations configuring organization's infrastructure / Migration to SharePoint Server 2010 for internal company tracking of task and information content indexing structure. Implemented within SharePoint FIM 2010 integrating infrastructure including directories, databases, and line of business applications for company enterprise. Manage user accounts and access, password- and certificate-based credentials such as smart cards, and identity-based policies across company network environments. Implementation of Web Parts / Farms / Templates /sites / library / Communities / Dashboards.
* Designed, developed SOA Core infrastructure for company database /content indexing structure Service Repository. Increased organizational agility / increased business and technology domain alignment. Programming experience with J2EE technologies / Web Methods, Web Sphere / enterprise class Agile Project Management Tools / SDLC.

**NEUMAN & ESSER USA, Inc.** **Houston, TX Jan 2011 - July 2011**

**System Engineer Consultant**

* Consulting, Planning, Configuration, Developed and Implementation.
* Implementation Of 2008 enterprise active directory service Core / server systems Core infrastructure architect services, Desktop Management, Virtual Identity Server Management Restructuring Active directory service Core / FSMO / Implementation Configuration of SQL, SOA Structure core / System Center Configuration Manager planning for Primary and Secondary Servers / Re-organize AD into departmental OU’s to contain users & computers.
* Designed, developed, planned Implementation of MS 2010 exchange server migrating from 2003 exchange server, from ground up to a fully functional finished product of operation for administration.
* Implementing MS Tools for Windows XP / Windows 7 for deployments and imaging and software packaging, SMS Installer, EMCO packer, MDT, DDT, BDD, Change Base VB scripting, Install Shield Admin Studio.
* VB, Perl, srciptomatic, wise studio, SCCM toolkit, 2008 /2010,
* Developed, planned and implemented and configured Kaseya, SMS, MOM, and SCOM.
* Implementing supporting integration of Vm-ware / virtual application packages testing. Virtual infrastructure, application streaming, publish, deploy, and manage virtual applications,
* Designed, developed, Architecture / SOA, UCD, SAAS, SDLC

**HHS / United States Department of Health and Human Services** **/Austin TX / Aug 2010 – Jan2011**

**SCCM Infrastructure Technical Engineer Consultant**

* Consulting, Configuration, Developed and Implemented.
* Trouble shooting and Accessing 32 SCCM Servers local and remote and 50k Nodes
* Trouble shooting HHS installation of MS Windows 2008 / SCCM and SQL / Accessing installation and configurations of SCCM and SQL on 35 MS 2008 Servers.
* Focusing on the Configuration of Configuration manager to establish and maintaining consistency of system performance and its functional and physical attributes with its
* requirements, design, and operational information throughout assurance, defined as the management of security features and assurances through control of changes made to hardware, software, firmware, documentation, test, test fixtures, and test documentation
* Consult with clients, Advise, Responsible for designing and implementing information systems which will adequately support the enterprise infrastructure of the organization and Microsoft best practice use of SCCM and SMS, SQL instance in their environment.
* Implemented WSUS, to fully manage the distribution of updates that are released through Microsoft Update to computers and nodes in their network environment.
* Implemented SCCM Toolkit, SCUP, MDT 2008, WSUS.
* Implemented Sysprep, Wise Packaging Studio and Install Shield for Repackaging and Scripting. Packaging windows 7 for distribution, Scripting for SCCM, System Center Configuration Manager to configure LTI deployments.

**Partners Consulting / Technical Consultant**

**SCCM Infrastructure Technical Engineer Consultant / Fort Worth TX June 2010/August 2010**

**First Command Financial Services / Fort Worth TX**

* Consulting, Designed, Developed and Implemented
* Consult in Scripting for SCCM, System Center Configuration Manager.
* Implemented Wise Packaging Studio and Install Shield for Repackaging and Task Automation and Scripting.
* Consult with clients, Advise, Responsible for designing and implementing information systems, which will adequately support the enterprise infrastructure of the organization.
* Build a holistic and detailed view of the target datacenter systems, applications, and information technology assets.
* Implementing information systems discovery and documentation of physical, software, and knowledge assets for enterprise infrastructure of the organization.
* Configured Windows 7 desktop images developed for desktops based on company policy.
* Implemented SCCM Toolkit, SCUP, MDT 2008, WSUS.
* Implemented Sysprep, Wise Packaging Studio and Install Shield for Repackaging and Scripting. Packaging windows 7 for distribution

Scripting for SCCM, System Center Configuration Manager.

Using database queries to configure LTI deployments.

**Dell System Technician Lead**

**Dell Computer Deployment Technician**

**Citigroup Project, Tucson, AZ Apr 2009/June 2010**

Team lead of 10 technicians for new dell desktop and roll out of windows software.

Deployed, Planned and implemented 2000 desktop computers Windows7

* Configured desktop images developed for desktops based on company policy.
* Local and remote operations configuring organization's infrastructure. Using SCCM and Perl for deployment for Configurations of desktops.
* Designed automated scripts, developed and implementation of SCCM.
* Implemented SCCM Toolkit, SCUP, MDT 2008, SMS installer.

**Systems Infrastructure Engineer**

**Innovative Business Concept Solutions, Houston, TX** **Apr 2008/Jan 2009**

* Designed, developed, planned and implemented
* Core infrastructure services within MS server 2008 for Active Directory Service. Set network environmental policies for directive groups, users and departments.
* IT infrastructure for a 60,000-node client, 50- 2003 servers, 20- 2008 servers Network Environment.
* MS server 2008 and Exchange server 2007, MS SMS SCCM/SQL from ground up to a fully functional finished product of operation for administration.
* SCCM and Perl for Automations of Configurations SCCM Toolkit, SCUP, MDT 2008, SMS installer. Software rollouts Windows 7 software packaging of applications utilizing SMS installer. Implemented WSUS to fully manage Microsoft Update to computers and nodes in their network environment.
* Provided desktop management and support automations of images and ISO images developed for desktops based on policy of company environment.
* Exchange server 2003 for configurations for local and remote clients.
* Microsoft Office SharePoint Server 2007, Microsoft Office SharePoint Designer 2007 local and remote operations configuring organization's infrastructure / Migration to SharePoint Server 2007 for internal company tracking of task and information of documents / MCMS 2002 Application
* MS SQL for database functionalities with, SQL Server 2007 / SQL Express for reporting, querying and analyzing data and reporting of SQL.
* Citrix Presentation Server **/**ZenApps / XenServer and Components / Utility, and tools for farm apps / conversions / virtual machine / migrations / integrations of systems / implant of software.Application Virtualization. VMware Server Virtualization, sphere.
* Cisco IOS/CATOS conversión, vulnerabilities,
* Configured LAN and WAN network management.
* Utilize CA infrastructure management to gain visibility and control over performance, CA Virtual Desktop Automation for Vblock Infrastructure Platforms
* Availability and traffic composition.
* CA Capacity Management and Reporting Suite for Vblock Infrastructure Platforms. CA Infrastructure Management
* CA Service Operations Insight
* CA Desktop Management Service Desk

**Level II and III Technical ITS Management**

**Trade-Ranger/CC-Hub Woo, Houston, TX** **Apr 2007/Mar 2008**

* Reported, queried, and analyzed SQL, XML Data in an Ecommerce Procurement environment.
* Managed email error document tracking transpose from SQL.
* Built and cataloged data for procurement with major energy companies, buyers and suppliers.
* Implemented and Planned software updates of new version of procurement software.
* Administered desktop management and support.
* Designed automated of scripts within SQL Data Sources.
* Implemented remote support using Citrix Server and Go To MyPc /Meeting/Asst/Webinar
* Delivering custom customer applications streaming.
* Implemented Citrix Presentation Server and Xenserver for Virtual Machine for different OS for testing of application.
* Provided daily level II & III tech support for client and management of major buyer and suppliers, call answering support, document support and fixing issues with Tracking of electronic document support.
* Provided Network level scripting and programming.

**Sr. System Engineer**

**Ask Harris/Servcom, Houston, TX** **Apr 2001/Jan 2007**

* Supervised 10 personnel working on the SMS project.
* Designed, developed and implemented SMS and SQL.
* Developed project on MS2000 Server, designing SMS in a non-domain environment.
* Utilized MS Host Scripting and SMS installer, Install Shield and Perl to implement SMS on a 2000-node remote network environment of kiosk systems used in retail stores for processing billing, purchasing and daily transactional data.
* Implemented using SMS processes and SQL for timely update of transactional data for utility and retail companies
* Designed scripting for a non-domain environment to communicate thought DSL and IDSN routers and ATM switching of firmware for routers and network switches.
* Designed unattended distribution Data Direct ODBC packages.

**Infrastructure Lead**

**GB Bioscience/Syngenta AG, Clear Lake, TX**  **Aug 2000/Mar 2001**

* Designed and developed an infrastructure plan for a 1300-node network environment dealing with communications, networks, client and server and remote implementation between two-plant sites.
* Implemented
* SQL, Oracle, Access, SAP, Databases.
* Windows NT4.0/MS 2000, MS Exchange, MS Central Apps. Server/MS Terminal Server and Citrix Server and SMS 2.0 and MS Project Central.
* And configured Network Systems 3Com and Cisco.
* And developed Oracle and SQL Database for remote access from plant lab LIMS environment and engineering firm site.
* And developed SQL and Access, Excel database to track tasks as a central data system for both plant sites.
* MS SMS 2.0/Install Shield MS Central Apps Server for the use of client and server apps update and apps Server distribution.
* MS Project and SQL for a central site internal and external database for project task planning management as a central environment database.

**Sr. NT Domain Administrator**

**American General Corporation, Houston, TX**  **Sept 1998/Feb 2000**

* Designed and developed
* Infrastructure plan for a 40,000-node/150-MS NT 4.0 Servers 4.0/LAN and WAN Network Y2K.
* Infrastructure plan for LAN and WAN Network.
* Communication program for paging and alert alarming system for database and infrastructure troubles at server level and application level.
* Implemented
* SQL, SMS, Seagate Desktop Management, Altiris *Deployment* Solution, Wise Install Builder, Install Shield, Perl, and VB Development Tools for distribution rollouts.
* Host access over LAN and WAN networks to access mission-critical information thought client and server.
* And developed unattended images and update distribution packages for client and server thought the networks.
* Database for all inventory implementation and software metering.
* Developed unattended application images and updated distribution for client and server throughout the networks.
* CA Unicenter TNG
* Built a database for all Y2K implementation documentation and asset management.
* Configured
* MS Terminal Server with Shiva Landover remote access and Citrix for client and server host management.
* Aspen ISDN routers and Cisco routers and switches.
* Primary and secondary SMS site and child sites.
* Serial communication digital boards for transfer of alphanumeric and numeric paging and alerts.

**Systems Engineer**

**Lockheed Martin Space Mission Systems & Services** **Jul 1996-Oct 1998**

* Designed, developed and implemented software for rollout development for migrating NT workstation and servers & Windows products within UNIX environment.
* Implemented C++, VB, MS BackOffice, Perl, SMS 1.2, and SQL
* Designed and developed images for rollout of NT 4.0 workstations configured to migrate with UNIX, AIX and Sun platforms, using Citrix 1.6 and 1.7.
* Implemented UNIX, Samba, Citrix, Winframe 1.6 and 1.7, x-window to interface with UNIX, AIX, Solaris and NT 4.0 workstation and server remote host LAN and WAN assessment.
* Configured firewalls, security and Internet servers and LAN hosts access communications.
* Configured Cisco and 3Com routers and hubs for remote access and LAN assessment.

**NASA - Systems Technician**

**Lorral Space Information System, Houston, TX Jan 1991/Jan 1996**

* Installed and built information and communication workstations and base stations.
* Worked with fiber backbone cabling and configuring embedded computer microprocessor units, hubs and LAN switches, Ethernet & Token Ring configurations.
* Tested computer components for application of workstations upgrade software and hardware development.
* Configured network installation, testing local and wide- area Novell and NT351, WIN311 and NetWare, GroupWise Management software.
* Built computer clone systems from ground-up: software configuration and installation, hardware configuration, network and hardware installations, upgrades, repairs and diagnoses at component and board level.
* Implemented MS SMS, Intel LANDesk, Install Shield, and Seagate Desktop Management for desktop, server and network assessment of client environments.
* Installed and configured routers, hubs, switches and remote mobile units, sniffers hardware and software.
* Worked with Novell, Novell Manage Wise, NT 3.5, Win 3.11, GroupWise, Intel LANDesk, LAN-manager, Ethernet and Token Ring configurations.

**ADDENDUM**

**TECHNICAL SKILLS**

**Operating Systems:**

**Microsoft Server and Client:** Windows 98/NT/2000/XP/Vista/Windows7/Windows 8 /NT4.0/Back office 4.0/2000/2003/2007/2008 and Advance Server 2000/2003/2007 /2008/2010, 2012...

**Linux:** (Red Hat, Slackware, SuSE 4, Thu 10), BSD, FreeBSD, OS/2, Ubuntu and Asterisk.

**UNIX**

**Solaris:** 7, 8, 9 and 10.

**Novell:** Netware, GroupWise 4 thru 8, Manage Wise, NetWare, NetWare Connect

**IBM:** AS400**,** AIX3.0 thru 6.6.1 and Power 4/7.

**Application Tools:**

MS Office, Visio, Project, SharePoint, Adobe, Page Maker, HTML and XML

**Server:** MS Exchange, Lotus Notes, Lotus Domino, Lotus Notes 4.5, 4.6, Domino Server, Domino Web Server, Active Directory, Artesia, Novell GroupWise, Sna, Websphere Internet Server, Apache Web Server, SCCM, SMS, MOM,SCOM,WSUS,SCUP, HP Open view, MS TechNet, Winstall, Wise Install Shield , SMS Installer, Zen Works, Manage Wise, NetWare, NetWare Connect, Intel LANDesk, Altiris DeploymentSolution , Flexera Software, AppSense , Norton Net Management, Symantec Ghost, Seagate, Microsoft SCUP SCCM Toolkit , MDT 2008 ,Win install, Auto It, Wises Installer, Install Shield, HP Asset Manager, Intel LANDesk , CLM solutions , PKI , AD-LDS, ADAM, FIM , ADFS , BPO , ILM ,Clarify,HL7Clinical Document Architecture, HL7 semantics, HISA, EHR,OpenEHR, CDISC ,Stata, Synoptic

**Database:** SQL, Crystal Reports, MS Knowledgebase, Oracle7-8, Informix, Sybase, and SAP.

**Security:** Checkpoint, Cisco Pix, Mine, Border Ware, Sonet, Dwdm, Blindview, Sidewinder and Raptor Systems, CA Site Minder

**Remote:** PCAnywhere, Citrix, NCD, Net worker, Win frame, Microsoft Terminal Server and Citrix Met frame,

**Anti-Virus:** Norton Utilities, McAfee Antivirus, Symantec Antivirus, Norton Commander and Norton Utilities,

**Development:** Visual Basic, Microsoft Software/Operating and Development Software, VB, C+ and Perl. CA Site Minder,RunDeck **,** JavaScript ,JAXB ,XML , Java Web application , CLM solutions , PKI , AD-LDS, ADAM, FIM , ADFS , BPO ILM . TeamCity Circle CI ,Codeship ,Wercker ,Solano Labs AppVeyor ,Shippable Buildbot

**Custom Server Configurations:** Tandem Systems, Unicenter, TNG, NMap, Air snort, Spectrum NMS, Tivoli, Internet Scanner Software (ISS), Net Objects, SDLC, VINES, and VNC Novell ZEN works® 10 Configuration Management, Microsoft Application Virtualization, VMware ESX Server

**Backup:** ACRserve, Cheyenne and Legato Professional Backup, Netbackup ..

**Data and Voice:** Voice Services, Local/Long Distance, Conference Call Mgt ,VOIP Apps ,Integrated Services ,Smart Voice Trunking ,Flex/Line Bundles ,Flex/Trunk PRI ,Dynamic T1 ,SHDSL ,Internet Access ,T1 ,Bonded T1 ,DS3 Service ,Data Networking ,MPLS VPN ,Private Line ,Colocation Services

**Networking / Software**

LAN/WAN design and architecture, TCP/IP, Ethernet, IPX/SPX, ATM, fiber optics, (OC3, OC12, OC48), T1/T3, ADSL Web Services, Cisco IOS/CATOS, Cisco Pix, BGP, OSPF,VPN, TCP/IP, NetBIOS, VOIP, FTP, HTTP, SMTP, OSPF, RIP, SLIP, PPP, NDIS, RBOC, CLEC, LEC, ILEC, CAP, HTML, XML, ADSL, T1, Frame Relay, ISDN, X.25, ATM, and NIC .

**Systems Hardware (routers, switches and hubs)**

Cisco, ATM, Xylan, 3COM, Cabletron, Bay, Digital Bay, Net Gear, SMC and Nortel.

**Hardware (servers)**

Sun Microsystems Enterprise and Blade Servers, Dell blade servers, Dell power edge servers, IBM RS/6000, IBM Servers, HP ProLiant Server, HP ProLiant BL blades servers, HP Integrity servers, HP Integrity BL blades and HP Integrity Non Stop servers.

**Hardware (peripherals)**

Modem, multimedia, scanner, CD writer, laptop, docking station, digital voltmeter, oscilloscope, network monitor, protocol analyzer, pulse analyzer, signal Generators, ampmeters, voltmeters, simulator cabinets, ohmmeters, cable and pin tooling solders and disorders, Klever, Micro dyne, Synoptic, Sniffer, Fisher, Modicum, Texas Instruments, Siemens, Digital, Headend equipment, Divicom digital satellite receivers, SpectraCom GPS clock, Marconi/Fore Mac, ABB Taylor, Intel, Air Force IS equipment, Spectrum analyzers and cable sniffers, QAM/QPSK, and WorldCom telephony systems

**Development Tools:**

Java (embedded and standard), JavaScript, Perl scripting, SDLC, XML, Tibco ,JCaps , J2EE ColdFusion, shell scripting and embedded code writing, SOA ,CA Unicenter TNG, C/C++, SMS Installer, Tivoli , .NET, Java, Altiris ,Intel LANDesk ,Win install, Wises Installer, Install Shield, VB, C+, Perl, XML, Net Frame Data Direct ODBC drivers, Debugger, Compilers.

**EDUCATION/TRAINING**

**Electronic Engineering Theory/Computer Science,** Associate**,** DegreeHouston Community College, Houston, TX.

**CISCO LAN Switch Configuration**, Cisco, Houston, TX

**Citrix Developer Network**, Citrix, Sacramento, CA

**Microsoft/SQL/SMS/SCCM/SharePoint/MS Exchange**, Microsoft, Dallas, TX

**Checkpoint,** Checkpoint, Houston, TX

**Linix/Asterisk**, Novell, Sacramento, CA