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**OBJECTIVE:**

To obtain a challenging position as a Sr. Solutions/Systems/Infrastructure Architect, Sr. Systems Engineer (**AIX/VMware**/ **Linux/Windows**/Unix), Sr. Integration Architect, Sr. VMware Architect/Engineer, Sr. **Data Center** Migration/Consolidation Systems Architect/Engineer, that utilizes my communication, technical, Data Analytics, **Healthcare IT**, Financial Industry, and bilingual skills as well as utilizes my strong leadership, team-working, analytical and problem solving abilities to help achieve the vision of the firm and my personal career objectives.

# **EXPERIENCE:**

**CoSourcing Partners**, Linthicum, MD – April 2013 – Present

***Sr. Solutions/Infrastructure Architect – Noridian/BCBSND (Maryland Health Insurance Exchange)***

 Responsible to collaborate with **Noridian Healthcare Solutions, Maryland Health Benefit Exchange, IV&V**, IBM, Red Hat, Curam, Connecture, EXACT Middleware, **Corporate Finance**, Corporate Compliance, I**nformation Security**, Architecture Design, M&O, **Disaster Recovery**, and **Reporting** and **Analytics, Risk Analytics Business Users/Testers** personnel for the **review of Business requirements**, POC design, visual design (Visio), build, **Bill of Materials**, Level of Effort (LOE), **Final Solution** presentation, Weekly **Architecture Review Board** approval, and production readiness of application solutions with Technical Services service lines to ensure implementation of best practices for **infrastructure governance**, architecture, **engineering production support** and service management.

 Responsible for the architecture design, consolidation, migration, implementation, testing, performance tuning, and deployment of Data Center and DR Infrastructure of **highly-available** and **highly-secure** **Linux/VMware/AIX /Windows** based servers, Health Insurance Exchange Business/Applications/Databases, and **enterprise-level/model-driven solutions** that meet **MHBE and NHS’s** business requirementsand that are in compliance with the **State and Federal Health Systems, CMS, HIPAA, FDSH, MABS, CIS, CRISP, FMIS, BOA, USPS, CHIP, MCHP, MABS, MMIS, Health Insurance Marketplaces, SHOP, HITECH** and **BCBSND,** and thatadhere to tight operations, high security, and no single point of failure infrastructure solutions.

 May serve as lead or technical expert to teams concerned with development, networking and/or project management to coordinate changes and support enterprise technology initiatives.

 Responsible for designing, estimating, reviewing, virtualizing, and sizing Infrastructure Solutions for various **Operating Systems** (**Red Hat Enterprise Linux Server** 5.8/6.4, **AIX** 6.1/7.1 Enterprise, **Windows Server 2008** Standard/Enterprise/R2**, Windows 7** Professional**, SUSE Linux 10, and** CentOS Linux 5.8/6.4**)** and **Relational Databases** (**IBM DB2 9.5/9.7.3**, **Windows SQL Server 2008**-32/64bit, MySQL, and **PostgreSQL**), for the DEV, TEST, UAT, STAGE, PROD and DR MD-HIX environments of ***physical and virtual*** machines, utilizing **IBM Power 770, Power 710, and IBM System x3850** servers and **IBM XIV** Storage System.

Responsible for evaluating, architecting, designing, configuring, consolidating, migrating, optimizing, and deploying, **VMware vSphere 5.0, ESX 5.0/ESXi 5.1**, **vCenter Server 5.0**, VMware **High Availability**, **vCenter Update Manager**, **VMotion**, VMware **Converter/vCenter Converter**, **vCenter Orchestrator**, **vCenter SRM 5.0, IBM Power VM**, LPARS, Managed Services, Data Center Consolidation/Migration, Environment Optimization, and Productionalization (**IBM Power 770, Power 710, and IBM System x3850** servers).

 Responsible for the Product Design, architecture, development, upgrading, documenting, optimization, and implementation of **highly available** and **highly secure Enterprise systems**, using the **EXACT Framework/Platform/Middleware/Dev Tools** (**Fuse ESB**, EXACT Console, Apache **ActiveMQ**, Apache **Camel**, Apache **Karaf**, ZooKeeper, JBoss EAP, J2EE, JMX, **OSGi**, **JBoss EDS** (USL), Teiid, JBoss Rules/Drools, Apache **jUUDI**, **ActiveVOS**, IBM **Apache HTTP** Server 8, IBM **WAS 7/8**, **ezAudit**, **ezDoc**, **ezNotify**, **Cloudera Hadoop** (HBase, MapReduce, HDFS), Cloudera Search, IBM **Sterling**, IBM **WTX**, IBM **AIX**, **RHEL**, IBM **DB2** and **JIRA**, **Artifactory**, SVN, **Confluence**, **Jenkins**, Sonar, Maven), for MHBE and NHS’s business **critical** and **customized healthcare applications** (DEV, TEST, STAGE, PROD and DR).

Responsible for evaluating, designing, integrating, and deploying **SharePoint Enterprise 2010**, **Windows 7** Professional, **.NET 3.5.x/4.x**, Microsoft PowerShell 2.0, **Red Hat Cluster Suite**, **JBoss EAP Clustering**, XML, VMFS, Virtual Machines and Templates, File servers and Public folders, **J2EE**, JMX, WSDL, SOAP, Eclipse IDE, IBM WAS 7/8, IIS 6.5/7.0/7.5, VPN, **SSL** certificates, HTTPS, TCP/IP, SNMP, SMTP, DNS, HTML, SATA, SCSI**, SAS, QLogic Fibre Channel, iSCSI**, EMC Data Domain DD990, **IBM XIV System Storage**, SAN/NAS storage, **Storage Replication**, Backup and Restore, Archive, **Database Replication**, Data Masking, IBM Tape Library TS3484, F5 Big IP 3600/1600 Series**,** Reverse Proxy, **DMZ, WAF**, WAM, **Active Directory**, LDAP, Kerberos, Dell Smart, **Quest Foglight**, Sensage, IBM Curam, Connecture, IBM Sterling B2B, SCP, FTPS, IBM TSM, IBM Tivoli TAM/TIM, SSO, IBM WebSEAL, IBM Cognos, **Informatica PowerCenter & Data Quality** 9.x, IBM Guardium 8.x, IBM Connect:Direct, IBM WTX, **Tripwire** 8.x, BMC Remedy.

**Randstad Technologies**, Reston, VA – February 2011 – March 2013

***Sr. Infrastructure/Solutions Architect (Tech Lead) – Freddie Mac (Application Infrastructure Engineering)***

 Responsible for the architecture design, consolidation, migration, implementation, testing, performance tuning, and deployment of Data Center Infrastructure of **highly-available** and **highly-secure** **Windows/Linux/VMware/AIX/Solaris** based servers, Business Applications/Databases, and **multimillion dollar solutions** that meet **Freddie Mac’s** business requirementsand that are in compliance with the **U.S Department of Treasury, the Federal Housing Finance Agency (FHFA),** and **Making Home Affordable Compliance (MHA-C),** and thatadhere to tight operations, high security, and no single point of failure infrastructure solutions.

 Provides **technical** and **architectural subject matter expertise** to clients and IT management to ensure development of efficient application systems utilizing established standards, procedures and methodologies. May serve as lead or technical expert to teams concerned with development, networking and/or project management to coordinate changes and support enterprise technology initiatives.

 Responsible for designing, estimating, virtualizing, and sizing Infrastructure Solutions for various **Operating Systems** (**Red Hat Enterprise Linux Server** 5.8/6.1/6.2, **Windows Server 2003/2008** Standard/Enterprise/R2**, Solaris 10/11, IBM z/OS** 1.11/1.13**, AIX** 6.1/7.1 Enterprise**, SUSE Linux 10)** and **Relational Databases** (**Oracle** DB EE **11g R1/R2**, **Oracle** DB **RAC 11.2.0.3**, IMS/VS 11.1, IBM DB2 for z/OS 8.1, **IBM DB2 9.5/9.7.3**, IBM DB2 PureScale 9.7, **Windows SQL Server 2005/2008/2012** -32/64bit, and **Sybase ASE** 15.0.2 and 15.0.3), for the POC, DEV, SIT, UAT, CTE, MAINT, PROD and DR environments of 4500+ ***physical and virtual*** machines, utilizing **HP Proliant DL160/DL360/DL380/DL580** and **BL460c**/**BL480c**/**BL490c**/**BL680c/BL2x220c** – G3/G4/G5/G6/G7 and Gen8 Intel based Xeon **Dual/Quad/Hexa/Octa core** series**, HP BladeSystem c7000 Enclosures, IBM** System z10 2098, **IBM** zEnterprise System 114 (z114), IBM zSeries z900, IBM pSeries/Power 550/560/570/650/657/690/740/750, **Sun Microsystems** V100, V210, V215, V240, V245, V440, V490, V880, and V890**, Sun** 220R, 280R, 420R, 480R, 250, 450, 15K, T2000, E4000, E5000, and E6500**, Sun SPARC Enterprise M4000, M5000, T5120, T5220, T5240, Sun Oracle SPARC T4-1, T4-2, T4-4,** and **Dell PowerEdge 6850/2950/2850** servers and bladeservers.

Responsible for evaluating, architecting, designing, installing, configuring, testing, consolidating, migrating, optimizing, deploying, and troubleshooting **Hyper-V Server 2008/2012**, Microsoft App-V 4.6, Systems Center Virtual Machine Manager 2008/2012, and **VMware Infrastructure 4/vSphere 5.0, ESX 5.0/ESXi 5.1**, **VirtualCenter 2.5/vCenter Server 5.0**, VMware **High Availability**, **vCenter Update Manager**, **VMotion**, VMware **Converter/vCenter Converter**, **vCenter Orchestrator**, **vCenter SRM 5.0**, **Sysprep**, Citrix XenApp5/6, SUN Zones, Power VM, Z/LPARS, SUN Containers, Citrix Xpe, Metaframe 4, **Oracle VM Server for SPARC 2.1** for **Cloud Computing**, Managed Services, Virtual Desktop Infrastructure (VDI), Data Center Consolidation/Migration, Environment Optimization, Legacy Remediation, and Productionalization (**HP Proliant** Intel based Xeon **Dual/Quad/Hexa/Octa core series, IBM pSeries/Power, Oracle/Sun Microsystems, and Dell PowerEdge** servers and blade servers).

 Responsible for analyzing, evaluating, testing, designing, architecting, and the **studies** of new **Analytics** and **Big Data** hardware and software **appliance technologies (Greenplum, Netezza,** and **ParAccel),** to load, store, merge, and analyze data from disparate data sources/formats (Star, Snowflakes, **Transactional Models**, Flat File) to provide a **high performance** and more efficient **Analytics environment** to support business needs with a **cost effective** final architecture solution, and dynamic scalability (Validating and testing **MPP Columnar Database**, **Polymorphic Storage**, Administrative Console, **In-Database Analytic Algorithms**, **SAS Integration**, Proven Petabyte Scale, Self-Provisioning Sandboxes, **Parallel Load**, Unload Capabilities, **Hadoop Integration**, All-in-Memory Capabilities, **On-Demand Integration**, MicroStrategy Integration, Compiled Queries, Virtualized Environments, Correlated Sub-queries, Schema Neutral, **Cloud Enabled**, Incremental Backup, and **Minimal IT Support**).

 Coordination with **Single Family**, **Multi-Family**, **Corporate Finance**, Corporate Compliance, I**nformation Security**, Architecture & Data Services, Legacy Remediation, **Disaster Recovery**, and **MHA-C (Reporting** and **Analytics, Risk Analytics Business Users,** and **Data Analytics Testing** **)** personnel for the **review of Business requirements**, architecture, visual design (Visio), build, **Bill of Materials**, Level of Effort (LOE), **Final Solution** presentation, Weekly **Engineering Review Board** approval, and production readiness of application solutions with Technical Services service lines to ensure implementation of best practices for **infrastructure governance**, architecture, **engineering production support** and service management.

 Responsible for the design, consolidation, and migration of **highly available** and **highly secure Enterprise systems**, using **Oracle Fusion Middleware 11g** components, for Freddie Mac’s business **critical** and **customized finance applications** (**WebLogic Server** 10.3.6/12.1.1, **Oracle SOA Suite** 11.1.1.6, **Oracle OSB** 11.1.1.6, Participated in upgrading, documenting, and deploying existing **Weblogic/SOA/OSB server infrastructure**. As part of the Freddie Mac datacenter consolidation effort, identify and architect various platforms that have similar middleware (WebLogic 10.3.6/12.1.1, Web Methods 8.2.2, IBM MQ Series 7.5, TIBCO 5.0/5.9.3, and JBoss/IBM Portal 7) and web (**Apache/HTTP** 2.2/2.4.3, **Apache Tomcat** 6.0.32/7.0.30) applications requirements onto virtualized **VMWare farms** across all environments (DEV, SIT, UAT, CTE, MAINT, PROD and DR).

Responsible for evaluating, designing, configuring, testing, integrating, maintaining, and administrating **SharePoint Enterprise 2010**, **Windows 7** Enterprise**, Windows** **Office 2007/2010 Enterprise/Professional**, **.NET 3.5.1/4.0**, Microsoft PowerShell 2.0, Front End/Back End **Windows 2008** **Clustering**, MSDTC, XML, Lotus Notes, Lotus Sametime, VMFS, **P2V migrations**, Virtual Machines and Templates, File servers and Public folders, IIS 6.5/7.0/7.5, VPN, **SSL** certificates, HTTPS, TCP/IP, SNMP, SMTP, DNS, HTML, SATA, SCSI**, SAS, QLogic Fibre Channel, iSCSI,** EMC VPlex/VNX/VMAX/Symetrix DMX4 Series, EMC Data Domain DD880/DD990, EMC Connectrix ED-DCX-B, **NetApp** FAS6080, IBM Mainframe System Storage DS8000, SAN/NAS storage, **Storage Replication**, Backup and Restore, Archive, **Database Replication**, Data Masking, Storagetek SL8500, Storagetek VSM5, IBM Tape Library TS3484, IBM 3590, F5 Big IP 3600/1600 Series, Cisco NLB**,** Cisco VPN Client, Cisco Catalyst 6509-E, Cisco Nexus 7000/5020/5596 Series, Cisco ASA5550/ASA5540, Cisco 3350, Cisco Catalyst 4000/2960/2940, Sourcefire 3D3500/3D4500/3D6500**,** Reverse Proxy, **DMZ, WAF**, WAM, **WSG**, **Active Directory**, Quest VAS, LDAP, Kerberos, **CA eTrust**, iLog, vFabric, PGP, SSL, MFT, SCP, FTPS, IBM Managed File Transfer, IBM TSM, Tivoli TAM, WebSEAL, **Informatica PowerCenter** 8.6.1/9.x, **DataStage ETL** 8.1/8.5, Microsoft SQL Server Integration Services 2012/2008, **Optim Performance Manager** 7.1.1, Guardium 8.1, Oracle Data Guard 11g R2, **BMC BladeLogic** 8.0/8.1, **Tripwire** 7.7.3/8.1.2, BMC Atrium 7.6, IBM Rational ClearCase, SCCM 2012/2007 R3, **CA eHealth** 6.1, **CA SystemEDGE** 4.3 SP5, CA Willy Introscope 8.1/9.x, **CA Spectrum 9.0.2 SP3**, CA SAM, **IBM Best/1 Capacity Planning** Tool, Remedy, TeamSite, OpenDeploy, ARIS**, MicroStrategy 9.x**, Hyperion BI, and **SAS BI**.

**Avanade Inc**, Chevy Chase, MD (**Applied Solution Manager**) – November 2009 – December 2010

***Sr. Systems Architect/Engineer – Microsoft Corporation (Health Solutions Group, HSG)***

Responsible for the design, implementation, configuration, testing, and deployment of **Amalga Unified Intelligence System (UIS) 2009 (*DADE, Parser/Script Engine, Message Queue, Data Store, Application, and Web Amalga UIS*** Dev/Test, Production, and Disaster Recovery servers**), Microsoft HealthVault Connector,** and **Microsoft HealthVault Community Connect (**SharePoint, Application, and Data Store servers**)**, supporting Microsoft’s nationwide premier healthcare customers and their **Amalga UIS** Data Center Infrastructure of **highly-available** and **highly-secure** **Windows** based servers, Microsoft applications, and solutions that meet **Microsoft**’s HSG business requirements and adhering to tight operations, security, and no single point of failure infrastructure solutions.

Responsible for the **design**, on-site/remote **installation**, configuration, **integration**, administration, and troubleshooting of ***physical and virtual*** **Windows Server 2008 Standard/Enterprise/R2 Standard and Enterprise – x64** Editions and **Windows Server 2003 Standard/Enterprise** servers, the installation of **SQL Server 2008 Developer/Standard/Enterprise** Editions (Amalga UIS HL7 databases)**,** and **Application** and **Web** highly available and highly-secure servers (Custom, **Sysprep**, Image, Clones, in **HP Proliant**, HP **BladeSystem c7000** Enclosures, **IBM**, and **Dell PowerEdge** servers)

 Responsible for the ongoing **Production, Dev/Test, and Disaster Recovery** operations maintenance, **hardware/software integration**, designing and developing Healthcare IT systems solutions, upgrading **OSes,** applications, and **Amalga UIS** to the latest Service Packs (**R2SP1**) and QFEs, **assembling** and **testing infrastructure components**, **QuickStart** UIS VMs, installation, inventory, testing, and analysis of all interfaces and **DADE** feeds, validation of data across **HL7** interfaces, ***ADT, Orders, Results, Billing***, etc (from source to destination systems), Amalga UIS 2009 Thick/Thin Client, assisting with the **design** and **execution** of the infrastructure **deployment** and **configuration**, developing ITIL procedures and best practices standards, SDLC, assisting and **reporting status/progress** to Project Managers and engineers, mentoring junior team members, scripting and **automating processes**, training the client’s IT staff, application/infrastructure **monitoring**, writing **technical design** and **documenting procedures**, **backup**/archival tools/storage allocation, change control, **Disaster Recovery**, HL7, HIPAA, EDI, **SOX**, recommending and implementing **system enhancements**, **turnover meetings**, virtualization, Windows and NLB **clustering technologies**, and supporting internal engineering teams and discussions with the clients.

# Responsible for architecting, designing, installing, configuring, administrating, consolidating, provisioning, testing, and troubleshooting **Hyper-V Server 2008 R2**, Virtual Desktop Infrastructure (VDI), Host Clustering, Live Migration, Systems Center Virtual Machine Manager, and **VMware Infrastructure 3/vSphere 4, ESX 3.5/ESXi 4.0**, **VirtualCenter 2.5/vCenter Server**, VMware **High Availability**, **vCenter Update Manager**, **VMotion**, VMware **Converter/vCenter Converter**, **Sysprep**, EMC Symetrix, NetApp SAN/NAS storage in Production, Dev/Test, and DR environments of 450+ virtual machines (**HP Proliant, IBM, and Dell PowerEdge servers** – Intel based Xeon **Dual/Quad core** servers and blade servers.

Installing, configuring, testing, integrating, maintaining, and administrating **SharePoint Server 2007/2010**, **LDAP** integration withAmalga UIS, Crystal Reports, **Active Directory**, **Windows 7** Professional/Enterprise**,.NET Framework 3.5.1/4.0**, **Microsoft PowerShell 2.0**, McAfee, **Microsoft Forefront Endpoint Protection 2010**, Service Packs, QFEs, and hot fixes installations, Front End/Back End **Windows 2008** **Clustering**, MSSQL, MSDTC, **HL7**, **DICOM,** PACS**,** RIS**,** Standards, XML, Visual Studio 2008/2010, LiveMeeting, Office Communicator, Lync 2010, VMFS, **P2V migrations**, virtual machines and templates, Citrix Presentation Server/Web/Client 4.5, File servers and Public folders, **Windows** **Office 2007/2010 Enterprise/Professional**, IIS 6.5/7.0/7.5, Penetration Test, Network Monitor 3.4, VPN, Smartcard, GParted, **BackTrack**, installing **SSL**/Wildcard/Regular/Persistent certificates, HTTPS, TCP/IP, SNMP, SMTP, DNS, HTML, SATA, SCSI**, SAS, QLogic Fibre Channel, iSCSI,** EMC Symetrix, **EMC** DS-4900B, **NetApp** SAN/NAS storage, **SCOM/MOM**, F5 and Cisco NLB**, Microsoft NLB,** Reverse Proxy, **DMZ**, **HP Proliant DL360/DL380/DL580** and **BL460c**/**BL480c**/**BL490c**/**BL680c** – G3/G4/G5/G6 series, HP **BladeSystem c7000** Enclosures**, IBM**, and **Dell PowerEdge 2950/2850/2650** Intel based Xeon **Dual/Quad core** servers and bladeservers

**TechRP**, Ashburn/McLean, VA – November 2008 – November 2009

***Sr. Systems Engineer – VISA International (Data Center Infrastructure/Migration/Consolidation – OCX)***

Responsible for the Data Center Infrastructure, Migration, and Consolidation of **highly-available** and **highly-secure** **Windows, Linux,** and **ESX** based servers, applications, and solutions that meet **Visa International**’s business requirements and adhering to tight operations, security, and procedural models as set forth in **Visa**’s **Extranet**, **Corporate**, and **VMSN** OCX network environments.

Responsible for the design, **installation**, configuration, **software integration**, and troubleshooting of the production, Prepaid, test, and QA ***physical and virtual*** **Windows 2003/2008 Server Standard/Enterprise/R2** and **Red Hat Enterprise Linux 5, in-house**/third party **applications**, relational **databases**, file/print, and **web** highly available and highly-secure servers (Custom, **Sysprep**, Image, **Altiris**/HP **RDP**, and Red Hat Satellite OS server installations in **HP Proliant DL360/380/580 and BL460c**/**BL480c**/**BL490c**/**BL680c** – G3/G4/G5/G6 servers, HP **BladeSystem c7000** Enclosures, and **Dell PowerEdge 2950/2850/2650** servers)

 Responsible for the ongoing **production operations** maintenance, **software integration**, upgrading **Operating Systems** and applications to the latest patches, **assembling** and **testing infrastructure components**, assisting with the **design** and **execution** of the infrastructure **migration deployment** and **configuration**, developing ITIL procedures and best practices standards, **reporting status/progress** to Project Managers and engineers, mentoring junior team members, scripting and **automating processes**, network **IP requests**, **System Development Lifecycle**, application/infrastructure **monitoring**, writing **technical design** and **documenting procedures**, **backup**/archival tools, change control, **Disaster Recovery**, **SOX**, providing technical assistance via **Viper** ticketing system, recommending and implementing **system enhancements**, conducting **operational** acceptance **turnover meetings**, virtualization, consolidation, **clustering technologies**, interacting with **third party hardware** and **software vendors**, and supporting internal engineering teams.

Responsible for architecting, designing, installing, configuring, administrating, testing, and troubleshooting **VMware Infrastructure 3/vSphere 4, ESX 3.5/ESXi 4.0**, **VirtualCenter 2.5/vCenter Server**, VMware **High Availability**, **vCenter Update Manager**, VMware **DRS**, **VMotion**, VMware **Consolidated Backup**, **vStorage**, VMware **Converter/vCenter Converter**, **Sysprep, Acronis Universal Restore,** Symantec **Ghost,** EMC Symetrix, and HPMSA1000SAN storage in a QA, Test, and Production environment of 300+ virtual machines (**HP Proliant DL360/DL380/DL580 and BL490c/BL680c** – G3/G4/G5/G6 Intel based Xeon **Dual/Quad core** servers and blade servers.

Installing, configuring, testing, integrating, maintaining, and administrating, Itactics, RFID, Gasper, Falcon, ESM, Tripwire, Prognosis, ePOAgent, McAfee, SMS**,** Front End/Back End **MS** **Clusters**, MSSQL, VMFS, **Oracle 9.X/10g**, **P2V migrations**, virtual machines and templates, File/Print Servers, **Active Directory**, Public Folders, **Windows** **Office 2003/2007 Ultimate**, **Apache** Tomcat, **.NET 2.0 SDK**, Java, Penetration Test, McAfee IntruShield Security Manager, HP **SIM 5.3, HP iLO/OA**, HP 4Gb **VC-FC Module**, HP 1/10Gb **VC-Enet Module**, HP SmartStart, HP Support Pack, **Knoppix, GParted**, **BackTrack**, **Veritas Netbackup** 6.0/MPx, **SSL**, HTTP, SNMP, SMTP, DNS, HTML, SATA, SCSI**, SAS, QLogic Fibre Channel,** EMC Symetrix, EMC DS-4900B,, **HP OpenView**, **Cisco Catalyst** 3750G/4948/C6500-E switches, **Avocent** DSR

**Diversity Source Unlimited**, McLean, VA – March 2007 – November 2008

***Sr. Systems Engineer – Northrop Grumman, NGIT (Commercial, State and Local and TASC projects)***

Responsible for the Data Center Infrastructure and **architecture/design** of comprehensive solutions that meet business requirements in support of the operations transformation efforts; supporting the **NGIT** **Corporate** and **Enterprise** environments; including **Windows**/**Unix**/**Linux**/**VMware** servers, leveraging legacy systems, and **virtualizing** and **consolidating** servers where applicable

Responsible for the design, installation, software integration/configuration, and troubleshooting of the **Hyperion,** ShareCenter**, and TimeSite/**Payroll QA, test, and production **Corporate** **environments** based on **Windows 2003 Server Standard/R2/Enterprise** and **HP-UX** application, relational database, and web servers running **Hyperion** Application Server, **Websphere** Application Server 5.1, Weblogic, **IIS6**, **Apache TomCat**, Databasic Application, **MS SQL**, and **Oracle 9.X/10g**

 Responsible for **software integration**, maintaining and upgrading **Operating Systems** and applications to the latest patches, developing tools for managing the systems, **scripting** and **automating processes**, **production operations**, network, **monitoring**, documenting procedures, change control, **Disaster Recovery**, archival/backup/tape, **SOX**, Business Management, providing technical assistance via **Peregrine** ticketing system, recommending and implementing **system enhancements** to improve the **performance** and **reliability** of the systems, virtualization, **clustering technologies**, and consulting to both internal and external users

# Responsible for architecting and designing **virtualization solutions**. Installing, configuring, administrating, and troubleshooting Xeon **Dual core** servers and **Quad core** Intel Xeon **Blade servers** based on the **VMware Infrastructure 3;** utilizing WMware **ESX 3.X**, **VirtualCenter 2.X**, VMware **HA**, VMware **DRS**, VMware **VMotion**, VMware **Consolidated Backup**, VMware **VMFS**, VMware **Converter**, **Sysprep**, **Acronis** **True Image** 9.X Enterprise Server**, Acronis Universal Restore,** Symantec **Ghost 8,** and **HP MSA1000 SAN** storage in a QA, Test, and Production environment of 250+ virtual machines (**HP Proliant 580/380** – G3/G4/G5 servers and HP **BladeSystem c7000** Enclosure - **HP Proliant BL460c**)

# Installing, configuring, testing, integrating, maintaining, and administrating **physical** and **virtual** Dual/Quad **Xeon** Intel based **Windows 2000/2003 Standard/Advanced/R2/Enterprise, Red Hat Enterprise Linux 5**, and **VMware ESX 3.X** servers to deploy **Active Directory**, application/web/database servers, **ShareCenter**/LiveLink, **Hyperion**, **Databasic,** Front End/Back End **MS** **Clusters**, MSSQL, **Oracle 9.X/10g**, ESRI Tracking Server, Arc GIS Server 9.2, WinSSHD, **Xen**, **P2V migrations**, virtual machines and templates, Citrix Presentation 4.5, Crystal Report Server XI, File, Public Folders, **Windows** **Office 2003/2007 Ultimate**, **Apache** TomCat, **.NET 1.1/2.0 SDK**, Java, McAfee, Symantec Antivirus 10.1, **WSUS** configurationand patching, HP **Insight Manager**, HP iLO, HP SmartStart, HP Support Pack, **Opsware** Linux Thin Client, **Knoppix, GParted,** **Autosys**, Active Client, **Altiris** Audit Agent, **Veritas Netbackup** 6.0/MP4, **SSL**, HTTP, SNMP, SMTP, DNS, HTML, SATA, SCSI**, SAS, Fibre Channel,** Entap Tools, **HP OpenView OVO** Agents (**HP Proliant** **380/580/BL460c** – G3/G4/G5, **Dell PowerEdge 2850/2650** servers, **Cisco** switches, **F5** load balancers, and **HP MSA1000s** and **IBM Shark SAN** storage and blade servers)

**TEKsystems,** Reston, VA – June 2006 – March 2007

***Sr. Systems Engineer/Engineer V – Fannie Mae* *(Microsoft Engineering Team)***

Development of **architecture** and **infrastructure/integration design** of **Fannie Mae**’s **virtual** and **physical** **Corporate Production** and **Lower** test **environments**(development/test/acceptance), implementing **virtualization**, network, hardware, and software solutions to provide the **Corporate Engineering** teams with customized and complex environments to accomplish their development, tests, and deployments agendas.

Responsible for the installation, configuration, administration, and troubleshooting of **Dual Core** Intel based **VMware ESX 2.5/3.0** and **VirtualCenter 2.x** servers and **HP MSA1000 SAN** storage in a customized production and lower environment of 300+ virtual machines (**HP Proliant 580** – G3/G4 servers)

Responsible for the installation, configuration, administration, and troubleshooting of Intel based **VMware Server 1.0.1/GSX 2.x/3.x** and **VirtualCenter 1.3/1.4** servers and **HP MSA1000 SAN** storage in a customized production and lower environment of 100+ virtual machines (HP Proliant **380** – G3/G4/G5 servers)

Installing, configuring, testing, integrating, consolidating, maintaining, migrating, and administering **virtual** and **physical** Intel based **Windows 2000/2003 Standard** and **Advanced/Enterprise** to deploy **Active Directory**, **Exchange** Front Ends and Back End **Clusters**, SQL, File, Print, Public Folder, SMS, **Windows 2000/XP Pro** Workstations, **Windows** **Vista Ultimate**, **Windows** **Office 2003/2007 Ultimate**, and DFS **Lower Environment** **virtual** **machines** and **physical servers** to **Fannie Mae’s Corporate Engineering** teams, i.e. IAM, SharePoint, SQL, File and Print, Infrastructure, Exchange, SMS, Desktop Support, and AV teams (**HP Proliant** **380/580** – G1/G2/G3/G4/G5, **Dell PowerEdge 2850/2650** servers, and **HP MSA1000s SAN** storage)

Responsible for the installation, testing,configuring and troubleshooting of **VMware products, i.e. ESX 2.5/3.0, VMotion, VirtualCenter 2.x,** VMware **Workstation/Server,** VMware **Player,** VMware **Infrastructure 3,** VMware **P2V Assistant 2.1.x** and **P2V BootCD**, Virtual Machine **Importer 2.0**, **Converter 3**, Physical to Virtual, **P2V**, Virtual to Physical, **V2P** conversions

Installing, configuring, updating, and maintaining **Knoppix** for Windows and Linux **OS** restoration/cloning/conversions/partitioning, Active**Perl**, HP **MSA1000/EMC** storage, LDAP, RDP, HTTP, **Apache**, SMTP, **vmfs2/3**, **ext3**, **Linux 2.4/2.6 Kernel**, vmkusage, **vmkfstools**, **Ubuntu/Fedora/Suse Linux**, Gparted, **Solaris 10-X86**, **Kanotix,** **IIS 5.0/6.0**, SNMP, **Samba**, DHCP, DNS, **Active Directory**, GUID, SID, Windows/ESX **Group Policies** and permissions, Visio diagrams, **NFS**, **LVM**, **Kickstart**, **ADS**, **Xen** 3.0, **Apache** TomCat, **Sysprep**, **Acronis** **True Image** 9.x Enterprise Server**, Acronis Universal Restore** and Snap Deploy, ATA, **SATA**, **SCSI, SAS** hard drives**, Emulex, Symantec Ghost** **8, WinPE, BartPE**

Performing, developing, testing, and implementing **physical** and **virtual backups**, **ESX** and **Windows patches**, HP/Dell **Firmware upgrades**, HP **Insight Manager**, HP **iLO** configuratons, **Disaster Recovery** strategies, **Computer Forensics**, documentation, system availability, network analysis, deadlines, and installation of **Veritas Netbackup 5.1**, **Netcool/SSM 3.1.0**, **McAfee 8.0i**, **ePO Framework**, and other software to create **Virtual Machine** **Gold Templates** and **Physical Gold Images** to be deployed in physical servers and virtual machines. Other activities and tasks associated with each project, i.e. interaction with engineering teams and **third party vendors** for **replacement** and **troubleshooting** of hardware and software suites.

# **Guardian Technologies International,** Herndon, VA – November 2005 – June 2006

# ***Sr. Systems Engineer/ Integrator – Guardian Healthcare IT***

# Responsible for the installation, systems integration, **server virtualization**, administration and configuration of FlowPoint RIS/PACSand **storage/backup** Dell rack solutions to be deployed at **hospitals**, **clinics**, and **radiology centers** for clients in the **USA, UK,** and **Latin America**.

# Responsible for the installation, administration and configuration of Intel based **Windows** **2000/2003** **Standard/Advanced/Enterprise** and **Red Hat/Suse Linux Enterprise 4.0/9**, in a customized and complex RIS/PACS **Medical Archive** environment. (**Dell PowerEdge** 2850/1850/1800, **Dell/EMC** DAS**/**NAS/SAN, **Dell Power Vaults**, **IBM xSeries** 226 servers)

Responsible for the installation**,** configuring and troubleshooting of **OS restoration/cloning**, **Dell/EMC** **storage/tape backup** devices, RDP, HTTP, SMTP, **IIS 5.0/6.0**, **Samba**, DHCP, DNS, **Knoppix, Kanotix,** **Active Directory**, GUID, SID, Windows **Group Policies** and permissions, Public Folders, Microsoft file and print environment, **NFS**, **LVM**, **Kickstart**, **VMotion**, **Virtual Center 1.x/2.x**, **VMware** **GSX/Server** and **ESX 2.5/3.0**, **Xen** 3.0, **Apache** TomCat, **ActivePearl**, **Sysprep**, **Acronis** True Image 8.0 Enterprise Serverand **Snap Deploy**, ATA, **SATA**, **SCSI,** Fibrehard drives**, Symantec Ghost** **8** and **Symantec Antivirus** Corporate Edition, **Veritas** Backup Exec 10, **Symantec** Enterprise Firewall

Responsible for performing **system engineering/integration**, system availability, and network analysis for **RIS/PACS** servers and **storage** and **backup devices** in the test lab and production environments (**DICOM**, **HL7**, EHR, Released Patches, **HIS**, **Disaster Recovery, HIPAA**)

Participates in **software architecture** reviews and **implementation sessions**. Coordinates with other developers and analysts for diagnostic analysis, design, and software solutions.

Responsible for developing and implementing **test strategies**, plans and cases in order to test pre and postproduction **radiology applications** and databases such as Flowpoint (**RIS/PACS**), **Neurostar** (**MediView** and **Web Viewer**), **IBM Universe**, and **Oracle**, in multiplatform environments.

Coordinates with implementation engineers, analysts, clients, and other developers in providing third level **support** for **applications/databases**. Other activities associated with each project, i.e. documentation, **backup plans**, software installation guides, MOPs, ARPs, **Disaster Recovery Plans**, training manuals, deadlines, etc.

# **Inline Corporation,** Dulles, VA – May 2005 – November 2005

# ***Sr. Systems and Development Engineer***

Design, develop, and implement hardware/software solutions that enhance or extend the enterprise **SAN/NAS** and backup infrastructures, or storage centric **OEM Appliance** manufacturing.

Analysis of various applications and **I/O** environments to determine best solutions for servers for **SAN/NAS** implementations and **OEM** appliance imaging and design.

Perform technical troubleshooting to resolve complex server, **storage**, **server** **virtualization**, or network problems

Development of project plans for storage infrastructure installation, configuration, and integration including technical documentation for network topology, storage area network design and configurations in **Windows 2003** and **Red Hat Enterprise Linux 3.0/4.0** and **Sun Solaris 9** servers (Wintel, Dell **PowerEdge 1800/1850/2850**, **UltraSPARC,** HP servers – X86 architecture)

Developing, configuring, testing 1U and 2U X86 Linux **NAS** implementing the **2.4 kernel**

Responsible for the installation, configuring and troubleshooting of **Windows 2003** **Standard/Storage/Enterprise NAS/SAN**, **Red Hat** and **Suse Enterprise Linux** NAS, **Citrix MetaFrame** **Presentation 3.0/4.0** servers, Citrix/Microsoft licensing servers, ICA, RDP, HTTP, SMTP, **IIS**, **Samba**, DHCP, DNS, **Exchange Server 2003**, Outlook, **Active Directory**, GUID, SID, **DPM** , Windows/Citrix **Group Policies** and **permissions**, Public Folders, Microsoft file and print environment, Sharepoint Services, **NFS**, **LVM**, **Kickstart**, **VMware** **GSX and ESX**, **VMotion**, **Virtual Center**, **Sysprep**, **Acronis** **True Image 8.0** Enterprise Server, **Symantec Ghost** **8** Corporate Edition

Assist writing of concepts of operations and procedures manual for storage solutions and for storage centric OEM appliances (**ATA**, **SATA**, **SCSI**, and fibre hard drives, **QLogic 2342/LSI** fibre cards, 2GB switches, **Dot Hill** and **Infotrend RAID** controllers, **3ware** RAID cards)

Attend sales calls with sales representatives and effectively communicate storage solutions and appliance manufacturing competencies to prospective clients and assist in the development of proposals for government and public clients

Provide relevant pre-sales information to the installation team for implementation of a solution

Assist with or conduct post sales solution installation, documentation, and integration

# **VeriSign,** Dulles, VA – May 2004 – May 2005

# ***VeriSign Communication Services – Unix Engineer II***

Responsible for the installation, support and maintenance of **24x365 mission critical systems** and integration of new computing resources and applications in VeriSign Communication Services **pre and post-paid wireless** production environment.

Architecting, installing, maintaining, implementing, migrating, staging, and troubleshooting of **Sun Solaris** servers, **IBM AIX** servers, **Red Hat Linux** servers, **Windows 2000/2003/NT** **Standard/Advanced/Enterprise** servers, **SCO** Unix servers, and storage devices in a mission-critical computing environment of 800+ nodes.

Monitoring and troubleshooting VeriSign Communication Services **billing and financial** servers for the Wireless Prepaid platform network utilizing software packages as **Nagios**, **Tivoli**, **HP** **Openview**, and Eco Tools

Managing and performing daily and weekly **wireless pre-paid billing and financial** backups in a **multi-millionaire** contract for Wireless Prepaid networks with clients such as Metro PCS, US Cellular, Alltel, and other carriers

Maintaining and implementing custom **scripts/Unix utilities** and scripting to monitor servers, hardware, and Operating Systems to support specific applications

Responsible for documenting configurations and writing deployment plans, acquiring, interfacing with engineering, network operations, NOC command center, customer service organizations, vendors, and providing status reports on a regular basis to management

Coordinating with other VeriSign technical staff to implement systems and software into the production

environment for the prepaid billing and prepaid roaming platforms

# **NTT / Verio Enterprise Hosting,** Sterling, VA – May 2000 – May 2004

# ***Data-Center Systems Engineer II / Systems Administrator II***

Responsible for the installation, administration and configuration of **UltraSPARC** based **Sun Solaris, 7/8/9** servers in a customized and large-scale production environment of 2,000+ servers (**Netra** T1/X1, Sun Fire **280**/**V480/V880**, Sun Fire **V-100/120**, **E-250/420R/5500**, and **A/D 1000**)

Responsible for the installation, administration and configuration of Intel based **Red Hat 8/9/Enterprise Linux,** and **FreeBSD** servers in a customized and large-scale production environment of 3,000+ servers (Wintel, Dell, SGI, and Compaq/HP servers)

Responsible for the installation, administration and configuration of Intel based **Windows 2000/2003/XP/NT4 Standard/Advanced/Professional** and **Enterprise** servers in a customized and large-scale production environment of 3,000+ servers (Wintel, Dell, and Compaq/HP servers)

Responsible for the installation of **Veritas** backup software, **VxVM**, **Oracle, Veritas Cluster Server**, and **EMS** in different platforms

Responsible for the assignment and **Quality Assurance** of new provisioning orders and projects to Data-Center Engineers and Systems Administrators. Playing role as a **Team Leader**/ **Project Manager** to interact with third-party vendors/providers, Sales Engineers, and members from different teams

Monitoring and troubleshooting NTT/Verio’s Colocation and **Webhosting** network using software packages: **Netcool/OMNIbus**, **Network Node Manager** (NNM), and **ITO**

Working with the **Product Engineering** team to test and implement new products and services

Managing **infrastructure** planning and deployment, **Data Center Consolidation** and **Migration**, ensuring internal and external customer service objectives are achieved, developing and **documenting** effective procedures

Keeping track of tickets (Remedy/Siebel), in order to repair, allocate, configure and troubleshoot routers, switches, servers, backup tape libraries, and firewalls

Installing and maintaining **Cisco** routers (2610) and switches (1900), **Alteon** switches, IDS dragons, DMZ, **Nokia** IP120/IP330, **Netscreen5** firewalls, and **Cisco PIX** 500 Series

**Local Area Network design**, Gigabit Ethernet, Fast Ethernet, **VLAN**, and **Load Balance**

Responsible for installing, configuring, and troubleshooting console access, power poles, Terminal Services, **SQL7/SQL2000**, **Backlink**, Secure Entrance, FTP, DHCP, HTTP, **RAID 0+1/1/5 and 10**, **Apache**, Samba, **SSH**, **X Window System/Server** configurations, VNC, PHP, GAM, IIS, WINS, DNS, **NFS**, BIND, MySQL, PXE, RIS, RAS, **Data Recovery**, Jumpstart, **Remedy**, **Siebel**, Security Updates and Patches, **Ghost Image**

Responsible for the building, racking, wiring, configuring, upgrading, and troubleshooting of servers, firewalls, switches, backup tape servers, **backup tape libraries**, and firmware

**Advantage Staffing Services**, Herndon, VA – June 1999 **–** May 2000

***Network/Installation Technician - Verio, INC***

Placement of fiber optic cables for **Gigabit Ethernet** from **Juniper M40** and **Cisco 12000** external border backbone routers to internal Foundry Networks and Cisco routers

Responsible for racking and wiring **Cisco** (**6509’s and 3600’s**), Foundry Networks (Big-Iron/ Net-Iron 8000) routers, and **Alteon** switches

Racking and wiring Intel and **UltraSPARC** based servers, SGI and RAVE servers, and backup tape servers and **Spectralogic** tape backup libraries

Responsible for installing processors, NIC’s, SCSI hard drives, RAM, RAID cards, SCSI controllers, and motherboards in Intel, UltraSPARC Sun, and SGI based servers.

Doing inventory implementing Bar Code System

**Advantage Staffing Services**, Reston, VA – July 1998 – June 1999

# ***Technical Support Specialist* – Intelidata Technologies**

Installation, support and troubleshooting of **Voice Mail Systems** (MVM2)

Troubleshooting **Integrated Phone Systems** (IPS), Caller ID’s and ADSI phones technology

Providing customer service in **Spanish** for USWEST customers

Opening tickets, performing data entry, order taking and processing billing data

**Advantage Staffing Services**, Herndon, VA – February 1998 – July 1998

***Customer Service Representative*** – **GTSI**

Providing customers with product information and updating accounts

Processing billing data to reflect proper credit and collections

Opening tickets, performing data entry, and order taking

**SKILLS:**

Proficient in **UNIX** Operating Systems (**Ubuntu/AIX/SUSE Linux, Red Hat Linux, Solaris, FreeBSD**)

Proficient in **Windows Server 2008/2003/8/7/Vista Ultimate/XP Pro** Standard/Enterprise/Professional

Knowledge of C++, Visual Basic, Pearl, PHP, MySQL, and phpMyAdmin

Knowledge of Network Security, Reverse Proxy, DMZ, WAF, WAM, and WGS

Proficient in WAN/LAN Design and Configuration

Proficient in designing and configuring Healthcare systems and solutions (**HL7**, HIS, PACS, **DICOM**, **EDI**)

Knowledge of Routing Protocols (RIP, IGRP)

Proficient in VLANs, ACLs, PPP, ISDN, Frame Relay, **SS7**, **Data roaming**

Knowledge of Cisco routers/switches, Alteon switches, and F5 Big IP

Proficient in TCP/IP, DHCP, IIS 7.0, WAS, **Apache**, **BIND**, **NFS**, **Knoppix, OS Cloning,** Samba, and SSH

Proficient in A+ and HP, Dell and IBM hardware (HP BladeSystem **c7000 Enclosure**s and **Blade Servers**)

Proficient in Microsoft Office XP/2003/2007/2010/2013 Ultimate and Professional and Visio 2010/2013

Motivated, dynamic, hardworking, multitasking, self-starter, eager to learn

Fluent in **English** and **Spanish**

###### **EDUCATION:**

### **Sun Microsystems (Herndon VA)** – 2003

Sun Certified System Administrator for **Solaris 9 Operating Environment (SCSA)**

### **Microsoft Corporation (Redmond WA)** – 2009-2010

 **Amalga Unified Intelligence System (UIS) 2009**

 **Microsoft HealthVault Community Connect**

 **Microsoft HealthVault Connector**

### **Strayer University,** Ashburn, VA – 2003

Master of Science in Communication Technology – Cum GPA: 4.0

### **Strayer University,** Ashburn, VA – 1999-2002

Bachelor of Science in Computer Networking – GPA: 3.7

Minor in Computer Information Systems

Minor in Internetworking Technologies

**The Omega Studio’s School of Applied Recording Arts and Sciences**, Rockville, MD – 1998-1999

Recording Engineering & Studio Techniques Program

Audio Production and Digital Audio Techniques Program

**Pimmit Hills High School**, Falls Church, VA – 1996-1998

Diploma

**REFERENCES:**

Available upon request