

Summary: With more than seven years experience providing mission critical support for some of the industry's largest organizations, and strong functional knowledge of key technologies that form the foundation of modern information technology, I am the perfect candidate to ensure fast, efficient solutions to problems often obscured by the sheer volume of options in the ever-changing landscape of hardware, software, and services. My comfort with high profile systems and ability to abstract complex concepts, coupled with extensive knowledge of high-end hardware and software, makes me an ideal candidate to ensure that your mission critical systems, and more importantly, the business processes they support, continue to run uninterrupted and provide value to your organization.

Relevant Experience:

Jackson National Life Insurance, Unix/SAN Administrator June 2007-Present

- Supported a number of systems across two data centers running multiple Unix operating systems
- Assisted with data migration to facilitate a trans-continental datacenter move
- Configured zoning on Brocade and Cisco SAN switches
- Successfully moved an entire SAN fabric from a distributed architecture to a core-switch architecture
- Performed mapping, masking, and general storage operations using Symcli on an EMC Symmetrix
- Executed basic maintenance commands on an IBM DS8000 storage array
- Configured and supported real time data replication across multiple sites with SRDF, Clones and BCVs
- Participated in disaster recovery exercises three times yearly
- Deployed and configured SAN historical performance monitoring tool

Electronic Data Systems Corporation, System Administrator Advanced March 2001-May 2007

Summary of engagements:

June 2005-May 2007

Sprint/Nextel

- Provided remote support for seven hundred servers in two data centers
- Wrote numerous scripts in Shell, Perl, and Expect to automate procedures
- Provided assistance to accounting department to determine system storage usage and appropriate charges
- Deployed a number of servers using custom Jumpstart and FLARs
- Assisted with storage changes including provisioning of disks on an EMC SAN and volume layout and mirroring using Veritas Volume Manager
- Performed platform maintenance on Sunfire E12k and E15k systems
- Assisted vendor hardware support teams with equipment replacement
- Validated disaster recovery procedures by performing a cold restore of a mission critical system from tape
- Performed regular operating system patching

November 2006

Marathon Oil Corporation

- Assisted another EDS group with a disaster recovery exercise
- Spent four days in College Station, TX at a Rentsys facility. During this time we rebuilt nearly one hundred critical corporate infrastructure systems from bare metal
- Installed and configured a Sun e450 to serve as Netbackup server and assisted with import of existing tapes
- Assisted Windows team with installs of Windows 2000 Advanced Server, Windows NT 4 server and Windows 2003 Server
- Configured two servers running VMware ESX and successfully restored machines previously on dedicated hardware into Virtual Machines

August 2001-June 2005

State of Michigan Technical Services

- Served as a UNIX systems administrator for hundreds of servers running operating systems including Solaris, AIX, HP/UX, Linux, Tru64, NCR MP/RAS, and SCO.
- Deployed and maintained several clustered systems using Sun Cluster and running Oracle.
- Implemented mission-critical Tax return system on Sunfire 4800 servers, including system controller

- setup, development of disaster recovery procedures using EMC SRDF, and testing of final configuration.
- Developed and supported several web applications using PHP, Perl, Javascript, and Apache to support business processes.
- Provided support connecting existing and new systems to an EMC SAN through NFS and Fibre Channel.
- Helped with configuration of Cisco switches, routers and firewalls to ensure effective system communication.

March 2003-May 2003 **Project Manager, State of Michigan**

- Evaluated configurations for suitability, compatibility, and cost effectiveness before purchases.
- Created and updated project schedules
- Assisted with data center planning, including cabling, power distribution, cooling, and network layout.

March 2001-August 2001 **CAD Administrator, various clients**

- Maintained and deployed numerous CAD workstations for various tier 2 and 3 suppliers to some of the largest automotive companies in the world, focusing on Solaris systems running both Unigraphics and Catia.
- Supported both switched and nailed ISDN circuits, along with Routing, TCP/IP, and Firewall configuration for data exchange between corporations
- Implemented an SNA gateway to transfer batch print jobs from an S390 mainframe across a fractional T1 and translate them to a format suitable for printing and mailing.

Michigan Technological University Telecommunications, Systems Programmer August 2000

- Developed, tested, and installed a campus-wide print queuing and billing system using Perl/TK, LPRNG, Oracle, smart card authentication and dedicated kiosks in several locations.
- Integrated new system with existing financial systems
- Modified Sun Ray server software to support use as kiosks.

Michigan Technological University Math Lab, System Administrator May 2000-Nov 2000

- Administered lab of 50 Sun Ray thin clients
- Provided account support for more than 3,000 users
- Assisted with backup and recovery of essential data.
- Developed and implemented cable management standards
- Deployed a Citrix Metaframe terminal server on Windows 2000
- Integrated existing NIS domain with Active Directory using password synchronization
- Configured file sharing between UNIX and Windows hosts using Samba

Technical Skills:

Systems and environments:	AIX, HP/UX, Linux, NCR MP/RAS, OS/390, SCO, Solaris, Windows
Hardware:	All current Sun hardware including 20/25k, HP PA-RISC, IBM Power, x86 based systems
Languages:	C/C++, HTML, Java, Javascript, PHP, Perl, Perl/TK, Shell Scripting, XML
Protocols:	CIFS, DNS, Fibre Channel, FTP, HTTP, LDAP, NFS, NIS, SMTP, SNMP, SSH, TCP/IP
Software:	Apache, Nagios, CA Unicenter, MySQL, Qmail, Sendmail, Sun Cluster, Tivoli Storage Manager, Veritas Volume Manager, Veritas NetBackup, Solaris Volume Manager

Education and Training:

Graduated with honors at East Detroit High School
 Majored in Computer Science at Michigan Technological University

Completed official Sun Solaris administration course (SA-238)
 Completed official Sun Cluster administration course (ES-333)
 Passed Sun Solaris 9 System administrator exam (CX-310-014)