

ROLAND J. STOLFA

7712 S. Cedar Hill Road • Stillwater OK 74074 • rstolfa@yahoo.com • 405-880-0519 • 405-624-5751

Senior Information Technology Administrator

Twenty-five years experience over a broad range of computer systems and applications. Three years experience in information technology management in a small firm. Two years experience in technical customer support for a world wide software company. Nine years experience in system administration of large networked heterogeneous computers within a university environment. Publication of three papers in the area of system administration, two of which were presented at conferences.

TECHNICAL PROFICIENCIES

Operating Systems: Linux (since 0.88 kernel) – Microsoft Windows 3.11, 95, 98, NT 4.0, 2000, XP, and XENIX286 – AT&T System 5 Unix (some internals work) – Sun Solaris 2.x and SunOS – Sequent DYNIX/ptx – IBM AIX (both RT and RS/6000 versions) – Bell Labs Version 7 Unix – DEC Ultrix and VAX/VMS – Concurrent XELOS – Purdue XINU

Software/Languages: HTML – JavaScript – VBScripting – ASP – C/C++ language – UNIX Bourne and Korn shells – VAX/VMS DCL – DOS – FORTH – microprocessor assembler – BASIC – FORTRAN 77 – Pascal

Communication Protocols: HTTP – TCP/IP – RS/232 – X.25 – SNA/TN3270 – Token Ring

Hardware: WatchGuard Firebox firewall appliances – Ethernet terminal servers – Ethernet repeaters, transceivers, bridges – Serial Protocol Analyzers – AT&T 3B2, 3B5, 3B15 – PC/Unix mini/micro – Xterminals – Serial Terminals – Printers – Microsoft SNA Server – Perkin-Elmer 3230 – Sequent Symmetry S-81 – Hewlett-Packard 3000 – Dell PowerEdge family - DEC VAX 11/750, 8350 – IBM RT/RS6000

PROFESSIONAL EXPERIENCE

Sciperio Inc. (f.k.a. CMS Technetronics Inc.), Stillwater OK 2001 to Present

Director of Management and Information Services

- Served as Director of Management and Information Services department.
- Supported all aspects of computing infrastructure as well as extranet presence.
- Designed and implemented an internal process administration package as a web application for interstate use by different divisions of the company.
- Handled TCP/IP and Microsoft Windows networking.
- Provided desktop support for Windows 95/98/2000/XP (Home and Pro).
- Performed Nortel Norstar telephone switch administration, configuration, and installation.
- Acted as DNS administrator for multiple domains.
- Performed MMDF mail server administration.
- Functioned as website developer/administrator.
- Administered a RedHat Linux server farm.
- Developed CD-R packaging methodology to protect intellectual property rights.
- Installed new server room and networking closet facilities as company grew.

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Esker Inc. (f.k.a. Teubner and Associates, Inc.), Stillwater OK

1997 to 2001

Technical Support

- Provided international technical support for web-to-host software offering.
- Designed automated Q/A process and software to assist R&D as well as customer base.
- Acted as system administrator of Sun Solaris, IBM AIX, and Microsoft Windows NT platforms for internal use.
- Managed CheckPoint firewall system for company.
- Developed sales demo system for use by worldwide sales force.
- Proofread all product documentation, Frequently Asked Questions, etc.
- Developed customer training program, including materials and presentation.
- Performed professional services role (both pre- and post-sale) to assist customers in use of the product.
- Extended the product through personal initiative by writing C/C++ extensions that were later bundled with the product, as well as several custom-developed applications for customers.

Oklahoma State University, Computer Science Department, Stillwater OK

1988 to 1997

Support Specialist

- Acted as system administrator of networked computers used for instructional and research purposes.
- Ported, tested, and validated security of many packages posted to USENIX to various flavors of UNIX for departmental use.
- Provided technical assistance to other system administrators outside of my department.
- Presented seminars to students, faculty, and other systems administrators in my fields of expertise.
- Implemented a disaster recovery procedure for all systems under my responsibility.
- Implemented and maintained a distributed user account management software package supporting over 15,000 users across campus.
- Installed the first network of 70+ NCD Xterminals on campus, including the physical cabling and network configuration for the department.
- Installed, upgraded, and maintained departmental PCs and super-mini computers.
- Reverse engineered a card key access system software to incorporate functionality into the user account management package.

St. Alphonsus Elementary School, New Orleans, LA

November 1995 to May 1996

Consultant

- Specified, purchased, assembled, configured and implemented a classroom of 20 networked PCs and redundant file servers for an elementary school using an 802.3 TCP/IP based local area network.

Oklahoma State University Computer Center, Stillwater, OK

January 1988 to July 1988

Technician

- Replaced and configured various routers, Bridge CS/1 terminal servers, and CASE DCX time division statistical multiplexer terminal switches across campus.
- Implemented cable management system for public access terminal clusters across campus.
- Maintained, diagnosed, and tuned a campus wide X.25 network, including terminal clusters, printers, modems, and support hardware.

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OK State University, Electrical and Computer Engineering Department, Stillwater OK 1985 to 1987

Student Research Assistant

- Administered a DEC VAX 11/750 running VMS for engineering research which entailed maintaining user accounts, weekly backups and OS upgrades.
- Administered a Texas Instruments TI-882 used as part of a research contract.

Wolverine Inc., Shawnee OK

spring 1983

Programmer

- Modified various production line analysis programs for a copper extrusion plant to improve cost monitoring.

PUBLICATIONS

- UDB – User Data Base System, R. Stolfa, M. Vasoll. Presented at the Large Installation Systems Administration Conference, USENIX Organization, October 1990, Colorado Springs CO.
- Simplifying System Administration Tasks: The UAMS Approach, R. Stolfa. Presented at the Large Installation Systems Administration Conference, USENIX Organization, November 1993, Monterey CA.
- UAMS: The Man Pages, R. Stolfa, Oklahoma State University, Computer Science Department, Technical Report OSU-CS-TR-96-2.

EDUCATION AND CREDENTIALS

Bachelor of Science in Computer Science

Oklahoma State University – Stillwater, OK - May 1986

Master of Science in Computer Science

Oklahoma State University – May 1997

Technical Education

- AT&T Managed Education and Training, C Programming Language Course.
- Intel OpenNET Administration.
- USENIX UNIX System Administration and Copyright Law.
- AMP Fiber-Optic Cable Termination.
- Applied Computer Technology Synchronous DataStream Testing Facility (SNA 3270 protocol validation suite).
- Skillpath – Microsoft Access Fundamentals
- Skillpath – Microsoft Windows Network Security

Technical Conferences Attended

- Attended several USENIX conferences (1987, 1989, 1990, 1992, and 1993) to keep up to date on the state of the art in UNIX operating system concepts and advances.
- Attended SIGAPP/SIGFORTH conference (1989 and 1993) to further knowledge of FORTH and applied programming.