

J. Scott Smith

391 Hugh Allison Road
Pikeville, Tennessee 37367
(937) 660-3782

Email: scott@jscottsmith.info

Web: <http://jscottsmith.info>

Overview:

Experience in management and leadership, of both business and IT, as well as extensive hands-on experience with a broad array of information technology. Adapts and learns rapidly, with the ability to quickly apply new information and skills to the task at hand. Seeks constant self-improvement and stays on task until the job is done, while balancing priorities. Transitions easily between tasks and priorities as requirements change. Accepts new challenges with the belief, backed by experience, unknowns can and will be learned and mastered.

Objective:

Work in a technologically diverse environment with excellent growth potential. Leverage depth and breadth of experience in the successful management of IT workers and projects. Leave things better than they were before I arrived. Adopt an environment and culture where I can make a long-term impact.

Work History:

2012-	ICON/Shell, Houston, TX HPC Middleware Engineer
2012	Pomeroy/Luxottica, Cincinnati, OH Senior Linux Engineer
2010-2011	VisionIT/NOAA, Princeton, NJ Senior HPC Administrator
2008-2010	Shaded Moon Limited, Kettering, OH President & Owner of Publishing/Advertising/Webhosting company
2008-2008	VisionIT/Chrysler, Auburn Hills, MI HPC System Engineer/Administrator
2005-2008	TEKsystems/P&G, West Chester, OH HPC System Engineer/Administrator - Team Lead
2005-2005	Dynamic Software Technology, Milford, OH Solutions Manager
1999-2005	The Reynolds and Reynolds Company, Kettering, OH Senior Developer & Integration Engineer
1995-1999	Shore to Shore, Miamisburg, OH Director of Information Systems
1993-1995	Brico Metals, Trotwood, OH Information Systems Manager
1991-1993	Update Systems Midwest, Dayton, OH Technology Manager
1988-1991	Kettering Health Care, Kettering, OH Information Systems Manager
1984-1988	Kettering Medical Center, Kettering, OH Microcomputer Specialist

Education:

2012 Bachelor of Business/IT Management, Western Governors University, Salt Lake City, UT
1985 Associate of Science/BMET, Kettering College of Medical Arts, Kettering, OH

Accomplishments:

- ✓ Managed team of 12 developers and administrators for four years
- ✓ Managed team of 7 HPC engineers and admins for three years
- ✓ Managed IT department as manager/head/director for total of 11 years
- ✓ Directed multi-site IT operations (5 states, 8 countries, 3 continents) for seven years
- ✓ Oversaw budgets from \$500K-\$5M at various companies, individual projects to \$20MM
- ✓ Drove overall IT satisfaction rating at six companies from low fail to high pass
- ✓ Took key quality rating (ie, days/month with zero IT issues) at P&G from 18 to 28
- ✓ Analyzed failure patterns and implemented predictive monitoring, reducing live failures by 20%
- ✓ Designed and hand-built 24 node, 96 CPU development cluster at P&G
- ✓ Re-architected 5 clusters at P&G into single network & LSF namespace, improved overall utilization
- ✓ Custom job scheduling at P&G to minimize effects of single CPU jobs on utilization/fragmentation
- ✓ Corrected LUN strategy and tray/controller fabric, eliminating system-wide performance issues
- ✓ Shifted cluster NFS (NAS) traffic to dedicated gigabit Ethernet, reducing contention with user NAS
- ✓ Replaced multiple user and server management tools with single, web-based tool (in-house) at P&G
- ✓ Reduced STS annual travel budget by 75% and data-induced errors over 90%
- ✓ Re-engineered STS production process, reduced waste 20%, reduced errors over 90%
- ✓ Re-architected STS applications under Unix, eliminating replication delays and data fragmentation
- ✓ STS lines of code quadrupled, remote locations up 50%, with only 1/3 increase in staff
- ✓ Created a web-based STS order management system, with live data connections to the main database
- ✓ Web-based STS system reduced order errors and customer service hours
- ✓ Interfaced STS with dozens of customers/vendors via EDI and UPC catalog transactions
- ✓ Accomplished above using both commercial X.12 tools and custom-coded modules
- ✓ Streamlined STS order configuration from one-off code modules to a shared-code, data-driven methodology
- ✓ Improved Brico Customer Service rating from under 30% to over 90% in less than six months
- ✓ Created new communication system at R&R, saving over \$200K/mo
- ✓ Developed system update tool at R&R, updates over 98% of 6,000 servers in less than 24 hours
- ✓ Central backup solution for R&R appliance enables full recovery in less than 15 minutes (formerly 4+ hours)
- ✓ Subsequent adoption of update system for general use saves R&R \$5,000/year per server
- ✓ Redesigned R&R Internet appliance to support 32 customers in SaaS offering (instead of original 1:1 method)
- ✓ Directed the IT functions for 15 individual companies and unified operations at KHC
- ✓ Developed KHC time tracking/payroll system for large home health business
- ✓ Created sales and inventory tracking system for WPAFB consignment store
- ✓ Implemented LAN/WAN/VOIP systems between multiple national & international sites
- ✓ Long distance savings from VOIP links covered the cost of WAN data links
- ✓ Designed and deployed real-time field-level data replication system
- ✓ Implemented integrated accounting and shop control at two companies
- ✓ Created job process-based quoting and routing system, eliminating quote vs runtime variances
- ✓ Designed and coded custom inventory control and subcontract tracking systems, ran 10+ years
- ✓ Designed and coded custom material and capacity planning (MRP/CRP) systems, ran 10+years
- ✓ Successfully recovered from 100% storage/server failure at two companies in under 48 hours

Experience:

- ✓ Employee management (selection, hiring, training, mentoring, discipline, etc.)
- ✓ Manage personnel and projects across state and international borders
- ✓ Budget, forecasting and bottom line responsibility
- ✓ Project planning, management and execution

- ✓ Business and systems analysis, documentation and troubleshooting
- ✓ Process documentation, management and (re)engineering
- ✓ Communicate and coordinate across multi-language and multi-cultural boundaries
- ✓ Manage systems and application development and operations
- ✓ Small shops with limited resources, where any failure is critical
- ✓ Large sites, with hundreds of servers and petabytes of data

Technologies:

- ✓ Unix, Linux, Windows, DOS, OS/X, MacOS and others
- ✓ HPC scheduling (LSF, PBS) and numerous engineering applications (Abaqus, LSDYNA, Fluent, Acusim, etc.)
- ✓ Hundreds of desktop productivity applications (MS Office, OpenOffice, Adobe, etc.)
- ✓ Over two dozen programming languages (PHP, Perl, Bash, SQL, cgi, X/HTML, Javascript, awk, sed, Ruby, etc.)
- ✓ Over a decade of database design/development (MySQL, Sqlite, Oracle, FoxPro, Dbase, Clipper, dbMan, R:base, etc.)
- ✓ Over two decades of general software development in various languages (Visual Basic, C, Powerbasic, Turbo Pascal, Powerbuilder, Data Merge Language, etc.)
- ✓ Several years of Assembly language experience (6809, 6502, 80x86 and 68000)
- ✓ Business systems architecture, installation and support, including Symix, TOOL\$, Pilot, The Monitor, The Medical Manager, Accounting Plus, Great Plains, Solomon, SBT Accounting, Oracle Financials and Manufacturing, and more.
- ✓ Many other technologies: Platform LSF, Altair PBS, Scali Manage, Sun ACSLS, Nagios, Big Brother, Cacti, Ganglia, Apache, TomCat, Python, ksh, tcsh, Xwindow, vnc, dns, djbdns, ftp, tcp/ip, tcpwrappers, smtp, pop, imap, fetchmail, qmail, sendmail, xinetd, vmware, virtualbox, Networker, Veritas, Netware, Unixware, Xenix, SGI FailSafe, SGI DMF, HP OpenView, IBM Director, mantis, cvs, rcs, qvcs, rpm, yum, apt, kickstart, anaconda, bacula, and many more.

Certifications & Training:

2009/02 Alpha Software, Alpha5 Web Development with AJAX
 2007/07 PLATFORM Computing / P&G, LSF Configuration & Administration
 2005/12 SGI, SGI FailSafe Manager (High Availability HA Cluster)
 2005/10 Scali / P&G, Scali Manage (Systems Management & Monitoring)
 2005/08 SGI, SGI Infinite Storage (Data Migration Facility – Hierarchical Storage)
 2003/05 Red Hat / IBM, Red Hat Certified Technician (RHCT)
 1999/10 Reynolds University, Professional Services Consultant
 1999/10 Reynolds University, Value Based Selling
 1999/10 Reynolds University, Power Presentations
 1998/12 Shore to Shore, Visual Basic 6 (Advanced Programming)
 1997/12 Shore to Shore, Visual Basic 5 (Intermediate Programming)
 1996/01 Shore to Shore, Business Application Development with Xbase
 1995/08 Monitor Systems International, The Monitor: Advanced User & System Administration
 1995/07 Monitor Systems International, Building Applications with Powerbuilder
 1995/03 Computer Decisions, TOOL\$ Manufacturing System: Advanced User & System Administration
 1994/05 Symix, Symix Manufacturing System: Advanced User & System Administration
 1993/07 Leadership Management, Effective Supervisory Management
 1993/02 Personalized Programming, The Medical Manager: Sales and Support
 1993/02 Personalized Programming, The Medical Manager: Data Merge Language
 1993/02 Personalized Programming, The Medical Manager: DML Application Development
 1991/02 Personalized Programming, (same program as 1993)
 1990/02 Personalized Programming, (same program as 1993)
 1989/01 Personalized Programming, (same program as 1993)
 1989/01 The Santa Cruz Operation (SCO), Certified Advanced System Administrator (Unix/Xenix)

1987/10 Micro Computer Systems, Understanding & Administering the Apple Macintosh
1987/08 Kettering Medical Center, Application Development with Turbo Pascal
1986/04 Kettering Medical Center, SAS Programming
1986/04 Kettering Medical Center, x86 Assembly Programming

More Information: Please see my website for details, references and more.