

Paul S. Gentle

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Professional Summary

Dedicated system administrator with ten years of experience providing overall design, maintenance, and support for 24x7 data center availability. Seeking new challenges that will broaden my skill sets and fully utilize my current areas of expertise.

Core Competencies

Hardware: Cisco PIX, Cisco routers, Cisco switches, Cisco VPN, F5 BIG-IP, IBM RS/6000, IBM SSA, Linux Clusters, Snap Appliance NAS, Sun, x86 computers and servers

Operating systems: Mac OS, Novell NetWare, UNIX (AIX /FreeBSD/Linux/Solaris), Windows 2000/2003/9x/NT/XP

Programming languages: Assembler, C/C++, COBOL, Java, Pascal, Perl, SQL, UNIX Shell

Software: Active Directory, Amanda, Apache, BlackBerry Enterprise Server, Bind, Cacti, CVS, DB2 UDB, Ghost, IIS, MS-Exchange, MS-Office, MS-Project, MS-SQL Server, MS-Software Update Services, MS-Visio, MS-Visual C++, MySQL, NetBackup, NIS, Postfix, Site Scope

Professional Experience

United Devices; Austin, Texas

United Devices offers grid computing products and services for building enterprise grids from existing computer resources.

Senior Systems Administrator, Senior Quality Assurance Engineer

December 2000 to May 2005

- Maintained entire network for a company of 50 employees, including routers, switches, wireless devices, firewalls, VPN servers, load balancers, and intrusion detection systems with a 99.999% uptime.
- Managed complex network consisting of internal and external Windows, UNIX and DB2 UDB resources for a 24x7 availability data center that supports all end-users at grid.org and ud.com.
- Designed and maintained a secure wireless network using network authentication and IPSec-based VPN.
- Worked in professional services which involved installations of grid computing solutions at customer sites.
- Used Active Directory to configure and manage all aspects of enterprise-wide IT needs.
- Managed the company's communication technology including MS Exchange e-mail server and Plexus phone configuration.
- Met all information technology needs for new employees when they were hired.
- Finalized hardware purchases after writing specifications for vendors and creating recommendations.
- Worked in quality assurance, testing, logging defects, and writing test plans.

Miami University School of Engineering & Applied Science; Oxford, Ohio

Miami University is a state-assisted university north of Cincinnati, Ohio with over 15,000 undergraduate and 1,400 graduate students.

Network Support Specialist

December 1999 to December 2000

- Administered and configured ten Novell NetWare 5.x servers, twenty UNIX workstations, four UNIX servers, 350 Windows workstations and two Windows servers.
- Designed and implemented publicly-accessible wireless network for faculty and student use.
- Maintained current network, application, and system software on client workstations.
- Administered and maintained local network hardware and infrastructure.
- Automated procedures where possible to reduce time spent on repetitive tasks.
- Created documentation as needed for user applications.
- Specified, recommended, and coordinated large equipment and computer purchases.

Miami University College of Arts and Science; Oxford, Ohio

Computer & Technology Specialist, Technician

July 1995 to December 1999

- Installed, configured, maintained, and performed troubleshooting on end-user workstations.
- Administered and maintained multiple Novell NetWare and NT 4.0 file servers.
- Managed three general usage computer labs and student workers.
- Maintained College of Arts & Science web pages including graphics at <http://www.cas.muohio.edu/>.
- Trained faculty, staff, and students in a wide range of network applications, and documented all related tasks.
- Installed network hardware and software on client workstations.
- Administered UNIX file, web, and application servers.
- Instructed users on the use of the equipment and software in a high-end multimedia computer lab.

Education Bachelor of Science in Systems Analysis, May 1997

Miami University; Oxford, Ohio

Worked as a computer technician at the university during my junior and senior years. Focus in computer information systems with a special interest in technical writing.

Volunteer Work

distributed.net

This group of volunteers develops and maintains distributed computing clients and servers for projects as well as acts as advocates for the use of distributed computing for a variety of solutions.

Volunteer

December 1997 to present

- Answer user questions through help mail system and on IRC in real time.
- Released software and maintained software database for download pages.
- Coordinated OGR project release.
- Provided multiple key servers for clients to return work.
- Led quality control activities including test software, log bugs, verify bugs, and verify fixes.
- Administered and maintained test keyserver network for client and keyserver testing.