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Michelangelo "Mike" Pepe

Major Accreditations and Certifications

- Sun Certified Storage Architect
- Sun Solaris 9 Certified System Administrator
- Sun Solaris 9 Certified Network Administrator
- Sun Workgroup/Enterprise/E10000 Sales, Administration and Technical
- Microsoft Certified Professional
- Veritas Certified Professional
- Legato NetWorker Administration and Advanced Administration *(UNIX)*

Employment History

1996-present   Utopian Technology Solutions, Piscataway, NJ
(Merged with Intelligent Technology Systems in 2006)
(Merged with POLARIS Communications Services, Inc. in 2000)

Systems & Network Administrator
Hired during start-up phase to create web pages and general PC support. Designed network, set up servers, set up internet connectivity, networking services, web server, email server, firewall, Exchange Server, Windows domain. Administered all PCs and servers, phone system, network, printers, network fax, and other business technology.

Post-sales Engineer
Assembled, tested, and configured Windows and UNIX servers to customer specifications. Installed and configured equipment for telecommunications carriers. Installed and configured networking, SAN, tape backup, and other IT hardware. Installed operating systems, enterprise backup software packages, high availability and replication software.

Senior Systems Engineer
Responsible for systems architecture, analysis, deployment, and project management for UNIX and Windows-based computing environments. This includes integrating computing platforms with data protection and business continuity hardware and software solutions from industry leading manufacturers to meet the specific business needs of our clients. A primary focus has been Information Lifecycle Management (ILM) strategies and solutions.

Education

1989-1991   DeVry Technical Institute   Woodbridge, NJ

Electrical Engineering Technology

1992-1995   The College of New Jersey   Pennington, NJ

Technology Education

Areas of Significant Expertise	Design, implementation, project management and documentation of data protection solutions incorporating data replication, enterprise backup and highly available computing and storage solutions.
	TCP/IP networking and Fibre Channel Storage Area Network design, implementation, analysis and troubleshooting.
	Windows, UNIX, and Linux computing platform design, implementation, analysis, troubleshooting and system administration.
	Exceptional technical writing, documentation, and business communication skills; significant experience in project documentation, writing technical briefs, product documentation, and technical marketing literature.
	Supported sales staff activities as a technical resource and pre and post-sales implementation engineer.

Computing Platforms and Operating Systems

- Sun Microsystems platforms, Solaris
- Compaq/HP Proliant series
- NCR/AT&T System 3000, S-series, 4000 series
- Intel ISP and SC series
- Microsoft Windows (95-2003)
- Linux: Red Hat, Fedora Core, CentOS
- Microware OS/9

Scripting & Programming

- bash/sh for UNIX and Cygwin
- perl
- Windows batch files
- C
- 6309/6809 assembly

Software Applications

- Microsoft Office
- Microsoft Exchange Server
- Microsoft SQL Server
- Veritas NetBackup for Windows and UNIX
- Veritas File System and Volume Manager for Windows, UNIX, and Linux
- Veritas Volume Replicator for Windows and UNIX
- Veritas Cluster Server for UNIX
- Legato NetWorker for Windows and UNIX
- BakBone NetVault for Windows, UNIX, and Linux
- Adobe Acrobat, Photoshop, and Premiere

Networking Services

- Network and routing configuration
- DNS, HTTP, SMTP, IMAP, DHCP, SSH
- iptables, firewalling and NAT
- NFS, CIFS, iSCSI
- Fibre Channel protocols and topologies, zoning

Other Interests and Activities	- Radio controlled and fine scale modeling - Writing: fiction, comedy, and technical documentation - Digital video editing - Astronomy - Digital and film-based photography - Design and construction of classic eight bit computing platform accessories and upgrades.
Personal Projects	Lab-Volt Robot Controller

       Designed and built a hardware interface to connect an industrial pneumatic robot to a Tandy Color Computer 3. Designed an assembly language GUI interface to simplify user interaction and programming by simulating robot motion on screen before the real robot moved. Presented to Lab Volt engineering team and featured in Asbury Park Press.

"Channel Z" multi-user BBS/chat system

       Designed hardware to interface a modified Color Computer motherboard with eight serial modems and terminals. Designed and coded an interrupt-driven real-time kernel to simultaneously handle 8 users with basic chat and email functions.

TrueVision image capture board software

       Coded a user interface for ISA-based TrueVision/AT&T video image capture boards. The interface allowed capture of live video images, save and load of frames, overlay functions, and frame-accurate execution of scripts for subtitling Japanese animation.

AnimEast 1995 Convention Registration System

       Designed and implemented a networked web-based registration system for convention guests and attendees. Set up the server and clients systems, wrote security algorithms, and interfaced the system to HP DeskJet printers to provide badges on-the-spot. Set up the web server to feed convention registration information posted to a central database for both data entry and look-up at the point of purchase.

References and documentation available on request