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PROFILE – Systems Engineer

Combine exceptional problem solving abilities and leadership skills with more than 15 years experience as a system engineer and administrator and 5 years as a programmer/analyst to promote the most effective use of UNIX systems.

SKILLS

Administration:

SGI - IRIX
SUN – SunOS and Solaris
HP – HP-UX
Linux – Red Hat
HA, NFS, NIS
Windows 2000 Server

Programming:

Perl, csh, ksh, sh
HTML, CGI-BIN, PHP
C, C++, Fortran

Applications:

Apache web server
Pro/ENGINEER
Pro/Intralink
FlexLM
Veritas: VCS, VxVM,
NetBackup

EXPERIENCE & ACHIEVEMENTS

1979 - 2002 **Space Systems / Loral** Palo Alto, California

- Led a team of 9 system administrators supporting a network of 500 UNIX servers and workstations with over 1000 users.
 - Directed activities of system operators and systems administration personnel.
 - Provided direct user support for both application and system software.
 - Developed system support methodologies that produced hardware and software problem resolution within 24 hours of receiving the problem report. Average resolution time was less than 1 hour.
 - Developed process that allowed configuration and delivery of over 150 CAD workstations by 3 technicians in 25 days.
- Managed high-availability file server system supplying storage for all engineering usage resulting in file server uptime of 99.95%.
 - Dual SUN E4x00 – Veritas Cluster System, Veritas Volume Manager, Veritas NetBackup
 - Storage Engine Synchronix Storage arrays – 3.5 Terabytes
 - Developed and implemented disaster-recovery plan for servers and workstations
- Managed system security for all CAD workstations and recommended policy for computer access based on State Department export control guidelines and regulations.
 - Developed and implemented a suite of web-based programs for adding new employee user accounts, including management authorization to request accounts. Reduced time for getting a new employee on line from an average of 3 days to less than 1 hour.
- Provided custom programming to enhance functionality of purchased software.
 - Wrote utilities and front-end/wrapper scripts to integrate software packages and provide better user interfaces.
 - Developed Web-based support tools both for administrative activity and user help request forms and informational pages.
 - Wrote and maintained internal CAD support Web sites, both administrative and user help, writing CGI-BIN forms as well as informational web pages.

