

## Howard S Shubs

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### Summary

Team Lead/Programmer/System manager with 23 years of experience in Information Technology on OpenVMS, Windows, Linux, Tru64, and AIX as well as some experience supporting MacOS X, using various languages and tools. Industry experience in the Healthcare, Utility, and Telecommunications industries. Exposure to Oracle and Active Directory.

Expertise	Programming/Application Support, System manager/admin, Software Migration/Porting, Conversion of FORTRAN to C
Languages	FORTRAN 77/90, C, DCL, MACRO-32, perl, ksh, bash, lex/yacc, Postscript, SQL, Pascal
Software	OpenVMS, MacOS X, Windows 2000/2003, Active Directory, RedHat Linux, Tru64 UNIX: utilities; OpenSSH, ePO, McAfee VirusScan, AIX, Oracle: SQLplus, Pro*C
Hardware	Intel, Macintosh, Alpha, VAX, StorageWorks

### Employment

*Hewlett-Packard, Rio Rancho, New Mexico*

October 2010 – Present

Technical Support

- Part of a multi-site team of advanced technical support technicians.
- Supporting OpenVMS and HP-UX on a variety of PA-RISC, Alpha, and Itanium servers.

Environment: OpenVMS, HP-UX, PA-RISC, Alpha, Itanium

*Syntel, Troy, Michigan*

October 2006 – March 2010

Team Leader

Client: *McKesson Corporation, Hadley, Massachusetts*

- Maintained the batch-based rebuild tasks, updating occasionally to incorporate new functionality.
- Moved code from development to test to production environments.
- Programmed and documented an MS-DRG grouper in C for OpenVMS. Maintained it between versions 25 and 27 inclusive. Implemented HAC in this grouper.
- Guided a six-person offshore team located in Pune, Maharashtra, India through more than a dozen releases of McKesson's *TRENDSTAR* decision management software product, v2007.1 through v2010.1-1.
- Found and documented an OpenVMS Fortran run-time library error which was escalated to VMS Engineering. Produced a work-around in the *TRENDSTAR* code pending the release of a library patch.
- Personally implemented more than fifty change requests and assisted others with their own changes requests.
- Wrote technical documentation for the *TRENDSTAR* system management and internal development environment, as well as for training purposes.
- Trained our replacements using the above technical documentation and the off-shore group.

Environment: OpenVMS, FORTRAN, C, BASIC, DCL, Alpha, Itanium

*ISO New England, Holyoke, Massachusetts*

May 2000 – March 2006

System Manager

### Howard S Shubs

- Maintained Windows 2000/2003 with Active Directory, RedHat Linux 7.0 through Fedora Core 2, Tru64 UNIX, OpenVMS Alpha, and AIX systems in production environment with triple redundancy and 99%+ uptime.
- Implemented and maintained McAfee VirusScan on samba servers and configured ePolicy Orchestrator.
- Configured and troubleshot issues with samba.
- Performed hardware troubleshooting and repair on Intel-based equipment.
- Used Active Directory to help manage both desktops and servers.
- Wrote technical documentation.
- Built systems, performed hardware and software maintenance.
- Answered questions and handled issues found by users.
- Supported application developers and specialists.
- Execute application support for multiple applications.
- Wrote FORTRAN, perl, korn shell, and DCL code for internal projects.

Environment: Windows 2000/2003, RedHat Linux, OpenVMS, VMware, Perl, bash, FORTRAN, DCL, Alpha, StorageWorks

*Volt Services Group, Dallas, Texas*

August 1999 – December 1999

System manager

Client: *Dallas Area Rapid Transit, Dallas, Texas*

- Participated with small system management team to implement new OpenVMS Alpha cluster.
- Supported a team of users on Macintosh computers using a Novell network. Interfaced between DART system management and this group.

Environment: OpenVMS, Macintosh, MacOS, DCL, Alpha, StorageWorks, Novell

*Computer Merchant, Norwell, Massachusetts*

August 1997 - June 1999

Consultant/Programmer

Immediate client: *Digital Equipment Corporation, Fort Worth, Texas*

End client: *Texas Utilities Comanche Peak Power Station, Glen Rose, Texas*

- Ported FORTRAN and shell-based engineering and accounting software to Digital UNIX (Tru64).
- Made software Y2K-compliant.
- Updated, adapted, and installed resulting software on a DEC Alpha.
- Worked with engineers to produce new software to replace older packages using C, lex and yacc, and perl.
- Travelled as needed to Glen Rose generation site, Dallas corporate headquarters, and Fort Worth location as needed.

Environment: OpenVMS, Digital UNIX (Tru64), FORTRAN, DCL, C, lex/yacc, perl, korn shell, Alpha

*David Boyd Communications Consultants Inc., Herndon, Virginia*

February 1997 - May 1997

Consultant/Programmer

Client: *GTE Card Services, Irving, Texas*

Environment: AIX, SQL, C, Pro\*C, lex

*Johnson & Associates, Plano, Texas*

November 1996 - January 1997

Consultant/Programmer

Client: *Southwestern Bell Corporation, Irving, Texas*

Environment: OpenVMS, FORTRAN, Postscript

*Digital Arts Group, Burlington, Massachusetts*

April 1995 – August 1996

System manager

Client: *Digital Equipment Corporation, Hudson, Massachusetts*

Environment: VAX, Alpha, OpenVMS, DCL, clusters, StorageWorks, FORTRAN, COBOL

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*Smoke 'N' Mirrors, Herndon, Virginia*

March 1994 – March 1995

Client: *MCI, Richardson Texas*

Environment: OpenVMS, AIX, TCP/IP, Wollongong, DCL

System management/Software Test

*Contract Solutions, Salem, New Hampshire*

September 1993 - January 1994

Client: *Digital Equipment Corporation, Nashua, New Hampshire*

Environment: OpenVMS, VAX

System manager

*MicroTemps, Newton, Massachusetts*

May 1992 - November 1992

Client: *Cabot Corporation, Billerica, Massachusetts*

Environment: OpenVMS, FORTRAN

FORTRAN programmer

*Psyche Systems, Wellesley, Massachusetts*

June 1987 - September 1991

System manager, applications programmer, system  
engineer

Environment: OpenVMS, RSX-11M+, VAX, PDP-11, FORTRAN, C, DCL, Macintosh, MacOS, VMSINSTAL, MACRO-32

### Professional Development

*Microsoft Windows 2003 System Administration, December 2004*

Basic system administration and Active Directory under Windows 2003.

*Microsoft Windows 2000 System Administration, December 2003*

Basic system administration under Windows 2000.

Designed and wrote simple web sites (<<http://www.shubs.net>> <<http://www.ibm1130.net>>)

### Education

*University of Massachusetts, North Dartmouth, Massachusetts, 1992-1993*

Courses completed toward a Masters of Science in Computer and Information Science. Developed an understanding of object-oriented concepts. Part-time Teaching Assistant

*University of Massachusetts, North Dartmouth, 1987*

Bachelor of Science in Computer Science.

version 14.0 (chronological)