WILLIAM K. WALKER
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Summary of Qualifications

Forty-five years of experience in systems design, networks, software development, web site hosting and design, program and project management, customer support, and documentation. Specialized experience in real-time programming and process control work. Skilled writer with publishing experience and broad-based contacts in the computer industry. Experienced problem solver with excellent project management skills.

Professional Experience

North Valley Digital, Columbia Falls MT & Port St. Joe FL
Owner, 1992-Present

General computer consulting for businesses. Provide a wide range of services to diverse clients. Specialize in expansion and modernization projects that involve developing technical solutions, system design and installation, networking, tailored software development, project management, training, web site implementation, and customer support. Familiar with the complete array of Microsoft operating systems, including Windows, and Windows NT (beta test participant for both) as well as Unix-based server environments.

Monsanto Research Corporation, Miamisburg OH
Senior Research Physicist, 1977-1992

Real-time data acquisition and process control work for scientific groups at the former Mound Laboratory (Department of Energy). Assigned to a specialized group of in-house computer consultants responsible for designing and implementing systems to meet the needs of varied laboratory departments. Performed requirements analysis, systems design and implementation, software design and development, user training, and support. Also worked with the central MIS department on large systems design and acquisition, development of vendor evaluation parameters, and evaluation of vendor proposals. Fifteen years of experience in project management and team leadership. Majority of work conducted on DEC platforms. Primary languages: FORTRAN, Assembler, C, BASIC.

RDB/Alpha Software and Systems, Beavercreek OH
Owner, 1979-1992

Software development for private businesses, primarily on DEC platforms. Special projects included designing systems for tissue analysis work at the University of Cincinnati Medical School and developing a tape drive subsystem for the RT-11 Development Group at Digital Equipment Corporation.

Fels Research, Yellow Springs OH
Programmer, 1975-1977

Provided programming support for the maintenance of the world's largest human growth studies database, working primarily in FORTRAN.

Wright State University, Department of Geography
Research Assistant in Climatology, 1974-1975

Performed data collection, monitored and maintained instrumentation for gathering weather and insolation data at the WSU Climatology Laboratory. Operated and maintained manual and automated weather and solar radiation instruments and developed software to perform time-series analysis of statistical data (FORTRAN).

Education

B.S. in Physics, Wright State University, Dayton OH, 1976
Senior thesis: *A Computer Analysis of Gravitational Anomalies in the Serpent Mound Region of Ohio*
Numerous computer-related and project management courses

Military Service

U.S. Air Force, 1968-1972
Air Force Specialty Code: Weather Observer

Assignments:
Asian Weather Central, Fuchu Air Station, Japan, with remote deployments to Osan and Taegu, Korea
Det 15, 15th Weather Squadron, Wright-Patterson AFB, OH

Publications

Regular feature columnist for *Digital Review*, Boston, MA, from 1987-1991. Published approximately 80 "RT Views" columns for this journal, as well as one feature article on E-mail systems.

Prepared and delivered a variety of published and non-published presentations at professional society meetings over the past twenty years, on the subjects of real-time computing and project management.

Software publications:
User Command Linkage Plus for RT-11 and TSX-Plus, and several other public domain utilities
EQ (Event Queue) Data Acquisition Handler
WXKit meteorology package for Windows
Other Windows and MS-DOS utilities

Security Clearances

Q level clearance, Department of Energy, 1977-1992
Top Secret clearance, U.S. Air Force, 1971-1972