

Jonathon R. Ryan

Experience

1996-present Auburn SeeWolf, LLC Tijeras, NM

Chief Information Officer

- Developed E-Commerce web applications using Active Server Pages, DHTML, Style Sheets, JavaScript, VBScript, and ADO interfaces to SQL Server. Web applications utilize Stored Procedures to enhance security of the application. Designed multiple-client architecture, software requirements, maintenance documentation, and end-user instructions. Interfaced E-Commerce sites to Cybercash using SSL server. Developed Visual Basic objects for E-Commerce sites and wrote site maintenance programs.
- Developed marketing strategy and web based sales literature for a new software middleware-architecture product. Set up initial Intranet distribution of product support documentation.
- Advised US Government organizations in systems engineering and management for the procurement of electronic systems. Wrote Program Plans and Software Development Plans for DoD procurement of a computer controlled receiving systems.
- Assisted customers with web development and deployment problems. Provided troubleshooting of Windows NT server and IIS4/5 problems, Windows 95/98 client and workstation problems, and debugging of web site code.
- Supported web development and product advertising using 4x5 view camera, digital cameras, scanner, and PhotoShop for capturing and manipulating photographic images.

1995–1996 Condor Systems, Inc. San Jose, CA

Program Manager

- Part of business area acquisition transferred from Watkins-Johnson Company in April 1995. Defined and developed new business opportunities, combining product lines from Watkins-Johnson and Condor Systems.
- Organized and staffed new business area to support sales of \$6 million the first year, with growth to \$8 million second year.
- Developed an improved system architecture for U. S. Government electronic systems based on Windows NT and BackOffice as a replacement for a HPUX control and display subsystem. Performed trade studies and life cycle cost models to support the approach. Wrote and presented briefings, reports, and proposals to implement the system upgrade.

1975–1995

Watkins-Johnson Co.

Palo Alto, CA

Program Manager (1990-1995, San Jose and Palo Alto Plants)

- Managed software and hardware development, sales, deployment and logistics of a computer system for a DoD customer with annual sales of \$12 million. Responsible for all customer contacts and writing and presenting all briefings and reports.
- Established a product improvement program to identify and implement upgrades to system hardware and software. Developed life-cycle cost models to support selling the upgrades.
- Developed new business opportunities to leverage system technology into new markets. Bid, won, and performed concept definition study for next generation system.
- Defined requirements, monitored, and controlled program and subcontractors. Selected vendors and negotiated subcontracts.

Engineering Services Manager (1985-1990, San Jose Plant)

- Managed product design team, design drafting, and engineering support organizations. Set up Human Factors engineering for new equipment designs.
- Implemented network and computer aided design processes to reduce product development time and improve quality.
- Wrote PASCAL interface programs to automate transfer of databases between design and manufacturing applications.
- Taught schedule and progress tracking to project engineers.

Head of Engineering Support (1978-1985, San Jose Plant)

- Managed proposal preparation, technical writing, customer training, logistics support, and reprographics work centers.
- Managed Computer Resource Center including Digital VAX's and PC networks for the San Jose Plant.
- Worked with customers to design cost-effective product support systems. Automated documentation work centers doing MIL-SPEC and commercial documents using IBM Script (~XML).
- Wrote Script (~XSL) libraries for producing product documentation, proposals, and internal correspondence. Wrote interface and file formatting programs in REXX and Cobol.
- Taught applications and computer operation courses to employees and classes in proposal writing and contract administration.

Technical Writer and Instructor (1975-1978, Palo Alto Plant)

- Wrote technical manuals, sales literature, and proposals. Performed Verification and Validation of support documentation.
- Developed training documentation and provided customer training for computer controlled electronic systems.

1965-1975

U. S. Navy

Various Locations

Electronics Technician

- Five years of technical schools and four years of field experience supporting computers, communications, and electronic systems. Repaired and operated various radar, sonar, navigation, and video systems. Developed computer aided and classroom courses and taught operation and maintenance of electronic systems.

Computer Familiarity

- *Operating Systems:* Windows 2000, Windows NT, Windows 95/98, Windows 3.1, VAX/VMS, IBM Mainframe/CMS, and UNIX.
- *Programming Languages:* Visual C++, Visual Basic, Pascal, REXX, Prolog, Cobol, and Fortran.
- *Scripting Languages:* Visual Basic for Applications, IBM Exec and Script, VAX DCL
- *Applications:* Microsoft SQL Server 6.5, 7.0, 2000, Exchange Server, IIS, Site Server, Front Page, Publisher, Frame Maker, MS Word, Word Perfect, Excel, Power Point, MS Schedule, Time Line, Access, dBase, FoxPro, Visio, Illustrator, Photoshop, Designer, AutoCAD, Macromedia Ultradeve
- *Web Technology:* Java, Java Script, VBScript, HTML, DHTML, CSS, ASPs, and ADO. Working on MCSE program.
- *Hardware:* Working knowledge for maintenance and upgrading of ISA and PCI computers.
- *Management:* Designed and managed network for service organizations and software development team. Member of Corporate Computer Usage and Office Automation Committees at both Watkins-Johnson and Condor Systems. Managed VAX systems and PC resources for Watkins-Johnson's San Jose Plant.

Education

De Anza College, 1976-1978, GPA 3.9. Business courses in accounting, marketing, management and human relations, statistics and quality control, business law, and economics. Computer courses in Basic and Fortran programming. General education courses in philosophy, psychology, English and writing, government, meteorology, and interpersonal relations.

U. S. Navy, 1965-1975. Numerous Navy and contractor courses covering operation and maintenance of inertial navigation systems, radio and satellite navigation systems, digital computers, analog control equipment, ESM, video systems, sonar systems, and radar systems. U. S. Navy courses in platform and programmed training techniques.