

# Jonathon R. Ryan

## Experience

---

1996 – Present

**Auburn SeeWolf, LLC**

Albuquerque, NM

### Chief Executive Officer (2012-Present)

- Managed all operations of Auburn SeeWolf, LLC.
- Principle Software and System Architect for Auburn SeeWolf products and projects.
- PMI Certified Project Manager.

### Chief Information Officer (1996-2012)

- Designed and built software systems to solve specific problems for public-sector and private-sector customers.
- Developed line-of-business web applications and Windows applications using Microsoft .Net technology. Applications included B2B systems using Microsoft BizTalk; forms integration systems using dynamic PDF architectures; data collection, modeling, and rendering systems; and data migration systems. B2C systems included e-commerce and online web applications.
- Designed and programmed an estimating tool for use by engineers and financial personnel at US Government organizations. With broad experience in program management, accounting, and software development Auburn SeeWolf's estimating tool offers high productivity in a user friendly environment.
- Designed and developed membership tracking systems used by Native American Indian Tribes. In addition to tracking members and supporting elections, systems maintain genealogy and financial distribution information. Auburn SeeWolf also designed camera, signature pad, and scanner interfaces enabling the system to make photo identification cards compliant with State and National requirements.
- Developed high reliability, high demand web applications for collecting State-wide election results from County Clerks, maintaining a database of results for canvassing, and providing a public web site to view election results. Election results systems present a challenging testing environment. On its third generation, Auburn SeeWolf's system architecture has conquered this unique challenge.
- Developed a project status communications application used by Government organizations to improve communications between program managers and sponsors.
- Developed Auburn SeeWolf's business solutions network for e-commerce, data collection and reporting, and software distribution; providing womb-to-tomb support for complex web applications.
- Advised U.S. Government organizations in systems engineering and management for procurement of electronic systems.

---

1995 - 1996

**Condor Systems**

San Jose, CA

### Program Manager

- Organized and staffed new business area to support sales of \$8 million second year.
- Developed improved system architecture for U.S. Government electronic systems.
- Performed trade studies and developed life-cycle cost models. Wrote and presented briefings, reports, and proposals to implement system upgrades.

## Jonathon R. Ryan

---

1975 – 1995

**Watkins-Johnson Company**

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 for 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 mechanical 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 scheduling, progress tracking, and earned-value management systems to project engineers.

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

- Managed proposal preparation, marketing literature, technical writing, customer training, logistics support, and reprographics work centers.
- Taught applications and computer operation courses to employees and classes in proposal writing and contract administration.

### **Technical Writer and Instructor (1975-1978)**

- Wrote technical manuals, sales literature, and proposals. Performed Verification and Validation of support documentation.
  - Developed training documentation and conducted 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.

## **Jonathon R. Ryan**

### **Technologies**

---

#### **Microsoft Software Development**

- Visual Studio 2003, 2005, 2008, and 2010
- ASP, ASP.Net, AJAX, ASP.MVC,
- Windows Forms Programming, WPF, MVVM
- WCF and Web Services

#### **Programming Languages**

- Visual C# and Visual Basic
- TSQL and PLSQL
- FORTRAN and COBOL
- Pascal

#### **Web and Internet Technologies**

- HTML, DHTML, CSS
- XML, XSLT
- JavaScript
- Crystal Reports

#### **Configuration Management**

- Microsoft Visual SourceSafe
- Microsoft Team Foundation Server
- PVCS
- Fortress Source Control

#### **Relation Databases**

- Microsoft SQL Server
- Oracle

### **Certificates and Education**

---

#### **Certificates**

- PMI Certified Program Manager

#### **De Anza College, 1976-1978, Cupertino, CA**

- Business courses in accounting, marketing, management, statistics and quality control, business law, economics and business communications. Computer courses in Basic and FORTRAN programming.

#### **U.S. Navy, 1965-1975, Various Locations**

- Five years of 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.

#### **Clearance**

---

U.S. Citizen. DoD and Agency Top Secret SBI Clearances (Inactive).