

Steven F. Johnson
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Summary

Experienced senior technology leader with history of successful strategy, planning, technical implementation and operations of innovative solutions meeting business-critical objectives in Bio / Pharmaceutical and Medical Instrumentation.

Principle Strengths

- Strong history of partnership with senior business, medical, and scientific leadership and key customers across locations and cultures to find and implement successful solutions to complex business and technical problems.
- Excellent communications and presentation skills. Enthusiastic and engaging communicator.
- Wide familiarity with regulatory environment: GxP, patient privacy, financial, commercial / promotional, medical instrumentation.

Employment History and Career Highlights

AMGEN, INC., Thousand Oaks, California, 2003-Present

- **Senior Manager**, Information Systems, 2003-Present
 - In *Applied Mathematics* group, translated innovative mathematical approaches into viable business solutions through close collaboration with clinical, operations, and medical affairs leaders.
 - On an extended *International assignment*, managed cross-functional characterization and remediation of compliance issues in numerous countries in Europe.
 - In *Commercial IS* group, successfully managed and expanded information systems program for a business-critical outcomes-based medical marketing program. Introduced program into new countries, market segments and brands. Managed organizational change, including RUP, GxP, Sarbanes-Oxley and HIPAA compliance assessment and remediation, through business unit, IS organization, and vendor. Secured financial commitments to sustain multimillion dollar program budget and additional multimillion dollar extensions and enhancements within organization's financial constraints. Partnered with Business Unit's Senior Leadership, National Accounts, Strategy and Operations, Legal, and Compliance teams to ensure alignment with corporate, business unit, and customer objectives.
 - Recognized by client Senior Leadership for successful turnaround of underperforming and misaligned operations, support, and development groups.
 - Recognized by IS leadership for contributions to an IS Leadership Team sponsored, company-wide IS Competencies training and development program as well as outreach through college recruiting.

PFIZER, INC. (legacy Pharmacia-Upjohn Corporation), Kalamazoo, Michigan, 1998-2003

- **Program Manager, U.S. Platform Lead**, Enterprise Web Content Management, 2001-2003
- **Service Manager**, I/Net Center of Excellence, 2000-2001
- **Technical Lead**, Laboratory Information Management Systems, 1998-2000
 - Managed development and deployment of Enterprise Web Content Management with a globally-distributed and culturally diverse project staff. Managed to project plans, staffing, cost, and time estimates in a dynamic business environment. Effectively used management and communications skills to overcome organizational, budgetary, and cultural challenges. Team implemented Pharmacia and Pfizer corporate intranet sites, HR / benefits sites.
 - Developed GxP Qualification and Validation strategies for large-scale bioinformatics applications with pharmaceutical validation and quality organizations. Successfully designed, implemented, and validated a global framework for Stability portion of corporate-wide Laboratory Information Management System.

SPX CORPORATION, Automotive Diagnostics Division, Kalamazoo, Michigan, 1991-1998

- **Program/Project Manager**, OEM Projects, 1997-1998

- **Engineering Manager**, Engine Analysis Products, 1991-1997
- **Intellectual Property Coordinator**, 1994-1998
 - Developed formal responses, project bids, program and technical overview presentations for large software development project proposals. Represented company as participant on multi-firm bid teams.
 - Creatively solved technical and business problems while enhancing company's intellectual property. Granted U.S. Patents ([6,263,322](#) / [5,631,831](#) / [5,452,446](#)), for invention of a new signal acquisition technology, its use in a diagnostic system, and the use of the diagnostic system into a business-wide customer service billing system.

NETLINK SYSTEMS L.L.C., Kalamazoo, Michigan, 1995-1997

- **Co-Founder**, Internet Service Provider
 - While continuing to work full-time, recognized and acted upon an entrepreneurial opportunity by founding a company to provide internet access throughout southwest Michigan. Funded start-up, recruited partners and senior staff, developed business plan, pricing, service offering, and cash-flow models. Designed, produced customer access kits. Directly monitored customer satisfaction by providing front-line e-mail customer support.

SIEMENS MEDICAL SYSTEMS, Ultrasound Division, San Ramon, California, 1989-1991

- **Staff Software Engineer**, Ultrasound Imaging Real-Time Control
 - Developed GxP Qualification and Validation strategies for medical ultrasound imaging system. Designed and implemented automated test case generation and regression testing capability for real-time control to drastically reduce development and validation testing time. Implemented across multiple imaging mode control subsystems. Trained and mentored junior developers to work in this framework.

AFFINITEC CORPORATION, St. Louis, Missouri, 1986-1989

- **Technical Marketing Manager**, Call Center Management products, 1988-1989
- **Software Engineering Manager**, Call Center Management products, 1986-1988
 - Successfully managed vendor-based operations with extensive outsourced software development projects. Wrote Requests for Proposal, evaluated responses, selected vendors, and managed programs to fulfill business needs. Wrote non-disclosure agreements, subcontractor and consulting agreements, development contracts, service level agreements, policies, and procedures.

Technical Skills

- **Data Visualization / Analytics**: Spotfire, Maple. Learning MatLab
- **Bioinformatics**: Applied Biosystems SQL*LIMS / SQL*Stability
- **Web Content Management**: Vignette, CityDesk
- **Software Development**: Microsoft Visual Studio / InterDev. XML Spy. Arduino / Processing
- **Languages**: Object-oriented C/C++, Microsoft Visual BASIC. Learning Haskell
- **Database**: Oracle , Microsoft SQL Server
- **Operating Systems**: Windows XP, 2000. UNIX (Linux, Xenix, AT&T Unix, Sun Solaris)
- **Real Time Operating Systems** for Embedded Systems

Education

- **M.S., Computer and Information Science**, Ohio State University. Thesis option. GPA 3.7/4.0
- **B.S., Physics and Mathematics** (Dual degree, with highest honors), DePaul University, Chicago. GPA 3.9/4.0
- **Undergraduate Research Internships**, Argonne National Laboratory, Gould Corporate Research Labs

Affiliations

- Senior Member, IEEE. 2007/8 Chair, **Buenaventura Chapter, IEEE Engineering in Medicine and Biology**
- Founding Member, **General Technics** technology affinity group
- Board Member / Officer, Community arts organizations.

