

Leslie Power

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Career Highlights

With experience in technology, operations, product management, and consulting, Leslie is comfortable in most roles within the software development process, and with building companies and programs. She combines her technical and communicative abilities with curiosity, persistence, creativity, open ears, humor, and excellent management skills to transform ideas into reality.

Relevant Professional Summary

Practice Owner, Project Manager + Software Engineer, Co-Founder
5AM Solutions, Inc.

2006 – present

Working “on the business”

- * As member of executive team, set and realized strategy and goals
- * Built and directed the company’s marketing and communications assets (content, applications, websites, videos, processes)
- * Collaborated on development and operationalizing of the Glassbox® Software Development process (agile process)
- * Designed company’s hiring, employee ramp-up, and review systems
- * Provided technical sales support
- * Managed a health IT practice of multiple teams and projects with responsibility for sales, delivery, budget, and customer and staff success.

Working “in the business”

Played every role in the software development process: program, product, and project manager, requirements analyst, technical lead, architect, developer, UX designer, tester. Manage projects, support developer teams, design systems, write code.

- * Handled technical implementation of a content-managed website for a national newborn screening research project. (Drupal)
- * For a nonprofit public health laboratory client, managed development of a data repository for states to enter newborn screening program and case information to allow sharing of best practices and data to strengthen the NBS system nationwide. (Project manager, Java web app)
- * For a startup client, led the development team for a contemporary web + mobile social goal accountability app. Bridged the abyss between visionary’s dream and technical reality to deliver an MVP quickly, and aid the client in marketing and communications around MVP and product roadmap, which met the needs for second-phase fundraising. (Project manager and front-end developer, Ruby on Rails)
- * For the HHS’s Federal Health Architecture (FHA), led the development team on CONNECT, the open-source software to enable the secure exchange of health information over the Internet. Managed agile product development to synthesize needs of federal and community stakeholders. (Development lead)
- * For the Multiple Myeloma Research Foundation, defined architectural and business requirements for the IT infrastructure to support the disease-focused foundation’s personalized medicine initiative. Developed use case model, use cases, architecture, wireframes – requirements gathered from close interactions with MMRF staff, market research, and interviews with myeloma patients and researchers. (Technical requirements analyst)
- * For the HHS’s Office of the National Coordinator for Health IT (ONC), led the organization’s cooperative testing team, developing test artifacts and infrastructure to ensure the technical qualification of organizations seeking to exchange information across the Nationwide Health Information Network (NwHIN, now called E-Health Exchange). (Technical program manager)
- * For the U.S. Department of Health and Human Services (HHS), created a standards-based version of the Surgeon General's Family Health Portrait Tool, to be released January 2008. As architect, modeled, designed, and with a team, implemented the tool, which collects family health history for an individual, provides a pedigree diagram view of the family tree and health information, and allows storage of

information on a Health Level Seven (HL7) standards-based xml file and within Microsoft HealthVault. This file can be uploaded and used by EHRs, PHRs, clinical, and risk analysis tools. (Architect, developer, project manager along different phases of the project over multiple years)

- * On an NIH project, led an effort to improve inherited code base for release to pilot for use by diverse group of stakeholders, handling project and stakeholder management and developing code. Following the pilot's conclusion, worked to refine stakeholder needs, improved software and added features with a team of developers, deploying to production on schedule. (Developer + PM for several projects)
- * On project NCI Enterprise Services (NES), worked with multiple stakeholders, from users to CTO, to develop a software application and service to provide canonical information on persons and organizations for use by clinical trials software within and external to NCI. (Project manager)

Software Developer + Consultant

2000 – 2006

Number Six Software

Served as architect, developer, mentor, and consultant to Number Six clients in a variety of capacities. Specific duties included hands-on development of systems, consulting and mentoring on software development best practices, and mentoring of client developers on variety of platforms and languages.

- * Lead developer on User Centered Design project for VA patient portal. This project developed a new look and feel, information architecture, and back-end for the portal, incorporating new user interface, streamlined J2EE source, and new information architecture.
- * For National Institutes of Health client, customized and deployed OpenText Livelink document management solution, balancing user and management needs and requirements. Developed training materials, user guides, and administrator guides. Conducted training for nearly all users in the institute; trained trainers and institute help desk and system administration personnel on supporting the software.
- * Developed web-based enterprise-level production processing application for manufacturing client from remote location with small development team and shifting requirements. Struts J2EE application deployed on WebSphere with SQL Server back-end.
- * For NIH client, designed, developed, and deployed complex web-based J2EE/Oracle application to handle scientific study narrative/financial reporting. Deployed on Tomcat, then migrated to JRun.
- * As consultant for Department of Defense client, designed, developed, and deployed Cold Fusion and Oracle-based dynamic online conference registration system. Delivered extensible system on time and within limited budget.
- * Developed and deployed web-based budgeting system using Java, object-oriented JavaScript, and XML (early AJAX) to interface with legacy system. Working with various departments and mentoring administrators as necessary, deployed system on WebSphere. Mentored development personnel on development methods, Java, JavaScript, XML.

Vice President & Server Programmer

1998 – 2000

Digital Addiction

In Vice President role, managed operations for start-up Internet game company. Digital Addiction's flagship product, Sanctum, is an online collectible card game with server-based game objects that can be purchased, used in the game, and traded online. Developed and managed corporate strategy, including business development. Developed Webby-nominated web site; developed and maintained the Perl, PHP, and xhtml code for web site, e-commerce online store, and web-based trading application on Unix servers. Performed graphic design. Developed and maintained the Perl, PHP, server and web code, including web development and web trading application, for Dream Deck Baseball 2001, an online collectible card baseball game built by Digital Addiction for Electronic Arts.

Director of Marketing/Information Systems Manager

1995 - 1998

National Center for Nonprofit Boards (now Boardsource)

Created strategy and implemented marketing efforts for national nonprofit organization. Developed and programmed online presence (goopher, AOL "area," website). Administered internal hardware and software systems in 27-workstation local area network, and order-and-fulfillment database (SQL back-end). Managed \$1.5 million budget for three departments, eight employees.

Education, Credentials, and Intangibles

Degree

BA, Haverford College
Phi Beta Kappa

Credentials

Rational Unified Process certification
Program Management Professional (PMP) certification
Certified Scrum Master (CSM) and Certified Scrum Product Owner (CPO)

Technology Expertise

Programming Languages:

I am no longer a developer, but know and am comfortable speaking the languages of JEE/J2SE, Struts, JSP, tag libraries, JDBC, EJB, HTML, CSS, JavaScript/AJAX/frameworks, PHP, SQL, Ruby on Rails, XML

Application Environments:

JBoss, Tomcat, WebLogic

Databases:

Microsoft SQL Server, Oracle, MySQL, PostgreSQL, &etc

Other:

Most graphic design tools (Photoshop, etc), various modeling tools (Rational Rose, Enterprise Architect)

Specialty Terms:

HL7; Microsoft® HealthVault®; NwHIN/eHealth Exchange specifications; IHE; healthcare