

Scott Ganyo

Software Engineer and Technologist
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DIGEST

Scott Ganyo is a prolific software developer with 20 years of hands-on expertise in development, architecture, research, and leadership. His strikingly broad and successful technical background includes founding a large web service software company and two consulting companies, product and project leadership in enterprise and consulting environments, research and development for some of America's most prestigious firms, 24x7 operations planning and management, and open source software development and leadership. A Renaissance Man, Scott is also an accomplished actor, writer, singer, improviser, and award-winning producer through his "Imp Films" production company.

KEY PERSONAL STRENGTHS

- Founded, served as CTO, and sold a successful Internet-based software company
- Lead many software development and technology operations teams
- Facilitated several Business Process Optimization / Reengineering efforts
- Over a decade of experience with distributed applications and Internet architecture
- 12+ years of hands-on Internet development - including Java, HTML, CSS, Javascript, Ajax, and Ruby
- Compelling speaker with teaching, acting, and improvisation experience
- Serves on PMC of Apache Software Foundation's Lucene open source search engine project
- Consistently works to bring artistic creativity and insights to his technical engagements

HIGHLIGHTED TOOLS

- **Cloud:** Amazon Web Services (AWS): EC2, S3, EBS, Alexa; Google App Engine (GAE)
- **SOA/Grid/Web Services:** Hadoop, Cascading, BPMN, BPEL, XML/XSL, SOAP, REST, Jini, Javaspaces
- **Java:** JSF, J2SE, J2EE, RMI, JAX-RPC, Struts, Spring/Hibernate, JSP, Servlets, JDO, JDBC, Applets, Web Start
- **Internet/Web:** Ruby, Rails, Javascript, HTML, CSS, AJAX, Nutch, Lucene, Solr, Compass, Vaadin, Python
- **Database:** mySQL, Oracle, DB2, Postgres, SQLite, Apache Derby (Java DB), Versant, Gemstone
- **Development:** Netbeans, Eclipse, Maven, Subversion, Git, Ant
- **Statistical Analysis and Machine Learning:** Mahout, R

CHRONOLOGICAL EXPERIENCE

President, Ganyo Enterprises LLC, Santa Clarita, CA **2007-Present**

- Research, development, and consulting utilizing: Amazon Web Services (AWS), Hadoop, Map-Reduce, Streaming, Cascading, Mahout, Lucene, Java, Google App Engine (GAE), R
- Key clients include: AT&T Research / Yellowpages.com, Puddletown Talent Agency

Instructor, Indiana University-Purdue University, Indianapolis, IN **2007-2008**

- Web-based instructor of Java Web and Server Programming

Vice President of Operations, Moongate Technologies, Indianapolis, IN **2005-2007**

- Originated company consulting methodologies
- Managed the consulting group including recruitment and performance reviews
- Developed and presented marketing collateral, sales presentations, and client proposals
- Developed a productized Service-Oriented Architecture (SOA) training curriculum
- Created a SOA "user's group" designed to evangelize services and bolster recruiting
- Developed and implemented a SOA governance framework for the State of Indiana
- Facilitated several Business Process Reengineering (BPR) efforts for a large financial client
- Consulted with clients and implemented solutions built on Java, Lucene, and Ruby on Rails

Architectural Consultant, Fusion Alliance, Indianapolis, IN **2004-2005**

- Managed and delivered an architectural assessment for a critical application for a large educational client

- Designed and implemented a commercial client-server image management and database synchronization application based on Swing, HTTP, XML, and REST methodologies deployed using Java Web Start technology for connected and disconnected operation
- Designed and implemented a Java EE and web-based set of financial roll-up and reconciliation processes for a large property management client (saving the client tens of thousands of dollars annually)

Founder and CTO, eTapestry, Indianapolis, IN **1999-2004**

- Founding member of the company's executive team, building eTapestry from conception to a fast-growing Internet-hosted application software and services company
- Planned, designed, created, and managed the eTapestry product – an innovative, easy-to-use web-based CRM product that defined the hosted software market segment for the nonprofit industry. The product architecture was a unique proprietary SOA (Service-Oriented Architecture) design able to achieve linear scalability and complete fault-tolerance through the utilization of distributed services.
- Consulted with customers to discover use cases and requirements for ongoing product development
- Planned and budgeted IT operations. Managed the IT team responsible for deployment, monitoring, and maintenance of the application and the underlying Solaris systems. Worked to ensure 5 9's reliability and consistent performance for the thousands of nonprofit organizations from around the world that relied on this eTapestry as mission-critical software.
- Researched, evaluated, and reported on important technological trends to other executives
- Evangelized the software and systems architecture and technology to customers, partners, and peers in various public venues - including twice presenting at Sun's JavaOne software industry conference

Software Engineer, Interactive Intelligence, Indianapolis, IN **1997-1999**

- Lead a project to develop and deliver a commercial phone call recording and cataloging product
- Designed a customer-facing programming API for the company's flagship communications product
- Developed a visual dashboard of server performance and enabled dynamic management of the server
- Mentored developers in Object-Oriented Design and Java development

Software Architect, Master Software Corporation, Castleton, IN **1996-1997**

- Formed and lead an Internet research group to design and prototype a next-generation application
- Lead a team of five individuals to develop the flagship commercial application
- Advised senior management on technological trends

Programmer/Analyst, Progressive Insurance, Mayfield Heights, OH **1995-1996**

- Lead a successful port of an key personal-lines underwriting application
- Designed a dynamic, distributed database conversion with orders of magnitude time savings
- Mentored programmers in object-oriented analysis and design and the Smalltalk language
- Researched and developed a programming course covering the beta-release of Java 1.0

Consultant, G. A. Sullivan, St. Louis, MO **1994-1995**

- Designed a distributed Smalltalk RDBMS mapping and replication system for Ralston Purina
- Lead several Visual Basic programming efforts
- Obtained Microsoft Certified Professional (MCP) certifications

Programmer/Analyst, Federal Kemper Insurance, Decatur, IL **1991-1994**

- Developer on a large-scale COBOL-based OS/2 client-server app communicating with a mainframe system

EDUCATION

Millikin University, Decatur, IL
B.S., Management Information Systems

ASSOCIATIONS

Member of the Apache Software Foundation since 1999