

## **KRIS JAMSA, Ph.D., MBA**

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Highly skilled hands-on information-technology leader with over 25 years of successful implementations, deployments, and proven return on IT investments. Strong software architecture, design, and implementation skills—on-shore and off-shore. 20+ years' experience implementing, integrating, and delivering enterprise, e-commerce, and mobile solutions. Experienced in big-data and data analytics. Hands-on Agile/Scrum expertise, enterprise-solution implementations, data privacy and security, business analytics and intelligence, and entrepreneurial success. P&L responsibility, governance, and IT ROI maximization. Proven record of delivery. Author of over 110 books on all aspects of programming, computing, and security. Ph.D. Computer Science, Ph.D. Education and five technical and business Masters' degrees. Graduate of the United States Air Force Academy.

### **Chief Technical Officer/Architect**

**AskMyCrowd**

**July 2015 to Present**

Architected, designed, and lead the implementation of a high-volume crowd-sourcing social-media mobile solution and Web site. Utilized LAMP technologies, JavaScript, and CSS a highly scalable, secure, fast mobile (iPhone and Android) cloud-based solution. Implemented a secure AWS-based on demand cloud architecture. Designed and deployed a high-performance data warehouse for real-time data analytics and dashboard display. Worked with graphic artists and developers to deploy a modern UI/UX on mobile and the Web. Responsible for system security and data privacy. A member of the senior-leadership team responsible for customer facing, board and investor interactions, and stakeholder communications. Led on-shore and off-shore development team. Active in new business development strategies and planning and customer-facing activities. Integrated advertising engines to drive revenue. Responsible for the organization's ERP solutions.

### **Chief Technical Officer/CISO**

**LifeNexus**

**November 2011 to July 2015**

Member of the senior-leadership team for a healthcare company, leading a team of Agile-based on-shore and off-shore .NET and mobile developers in the architecture and implementation of a patented cloud-based electronic-health-record solution. Designed and implemented data warehouse solutions, cloud infrastructure, NoSQL databases, and innovative geolocation solutions. As Chief Data Privacy Officer, designed and implemented HIPAA security solutions and disaster-recovery programs while leading data governance for the organization. Utilized MongoDB replication sets to implement real-time failover and data recovery. Wrote and implemented a disaster-recovery and business-continuity plan. Recruited, retained, and developed IT staff to include developers, quality assurance, and administrative personnel. Presented technology for sales and new-business development. Responsible for cloud architecture, infrastructure implementation, and security at Azure and ClearData (a HIPAA-compliant cloud facility). Implemented virtual solutions at the server and desktop layers. Customer-facing technology presentations.

### **Chief Information Officer**

**Maricopa Superior Court**

**July 2010 to November 2011**

Operational control over a team of over 150+ .NET-based developers, business analysts, quality-assurance personnel, security and network specialists, as well as a help desk and call center. Member of the Executive Leadership team supporting enterprise resource planning operations to support nearly 4,000 employees across dozens of facilities. Full budget control and responsibility. Developed and wrote proposals and service-level agreement for multi-million-dollar systems and contracts. Specifically involved in the RFP for the electronic courtroom. Lead the design and architecture for a large-scale case-management system, disaster-recovery operations, and an electronic courtroom. Designed the court's disaster-recovery and data backup plans to mitigate downtime and to secure near real-time failover. Lead data privacy and security initiatives across a number of

government organizations. Utilized replicated systems for load balancing. Represented the court in all technology-based operations. Responsible for data-center operations, data privacy/security and cloud architecture.

**Vice President Software Development                      Barclays                      January 2008 to July 2010**

Operational control over a team of over 75 developers, business analysts, quality-assurance and scrum masters. Member of the senior leadership team supporting application development and deployment. Recruitment, training, and coaching of development team. Architecture, design, and implementation considerations for complex Web- and mobile-based e-commerce solutions. Lead design and development efforts for complex e-commerce sites within the banking industry. Collaborated with and supported complex organizations with diverse goals and objectives. Responsible for data privacy and data security groups to assure compliance with company practices and industry regulations. Balanced limited resources to meet across-the-board business requirements. Improved code quality through code walkthroughs and regression testing.

**Chief Technical Officer/Architect                      Head of the Class                      November 2003 to July 2008**

Architected, designed and implemented Head of the Class, an online .NET-based Web site that delivers curriculum-based instruction for preschool through eighth grade. Implemented an SOA-based enterprise architecture to support partner relationships. Researched, defined, and implemented the grade-level curriculum. Designed and implemented site security policies and mechanisms. Established key relationships with publishing partners and organizations. Designed and deployed the data architecture to support real-time applications and business intelligence. Directed the multitier development site. Managed a staff of 35 remote developers and IT personnel. Raised capital. Developed key partnerships and vendor relationships. Lead and directed subject matter expertise to determine the functional and nonfunctional learning portal which was then designed and built from scratch using a team of 30 remote developers. Architected the systems data architecture and UI/UX. The software provided learner management, dashboard reporting, customization, and over 12,000 learning objects. The portal was used by over 100,000 users in multiple languages. Utilized MS SQL backup and real-time data replication capabilities to provide the site's real-time failover capabilities and disaster recovery. Architected and designed the site's cloud-based infrastructure on AWS. Implemented data privacy and security measures to protect consumer education and payment data.

**Chief Information Officer/Exec. Vice President                      Vistacare                      March 2001 to January 2003**

Reporting directly to the CEO, responsible for education and information technology for a publicly-traded healthcare company with 2,500 employees and over 50 remote sites. One of five members of the company's Executive Leadership Team, a corporate officer with full P&L responsibility. Drove state of the art IT and education solutions. Defined the company's enterprise architecture and data-warehousing solutions. As Chief Information Officer, had full responsibility for an IT budget of \$10M to \$20M. As Executive Vice President of Vistacare, was one of four executives with top and bottom line responsibility for the company's \$300M budget. Lead a team of 150 developers and data administrators in the successful deployment of the company's ERP implementation, performance dashboard, and custom patient/billing software which touched all aspects of the SLDC. I met extensively with company stakeholders to ensure their information-technology needs were met, on time, and within budget. Wrote and implemented the company's disaster-recovery policies and procedures. Responsible for the implementation of and operations for a company's internal data center and remote collocated site. Member of the IT data governance team.

**Chief Technical Officer                      JMG                      July 1997 to November 2001**

Leveraged relationships with publishers, editors, and authors worldwide to produce state-of-the-art computer books. Partnered with over 30 online universities providing instructional design for over 100 graduate- and undergraduate-level courses. Taught over 100 online courses. Big 5 consulting and project management including

sales and business development for application solutions, deployment, and training. Expertise witness for technology IP issues. Lead client teams in solution deployments to include infrastructure requirements, roll-out, and training. Customer facing to determine project requirements, proposals, and sales. Maximized company profitability by effectively managing an independent staff of freelance authors, editors, and graphic artists. Drove company revenue by establishing instructional-design and facilitator partnerships with over 30 universities and colleges in less than one year.

**Founder/President****Jamsa Press****March 1992 to July 1997**

Grew Jamsa Press from a two-person startup into a multimillion-dollar global organization with product distribution to 70 countries in 28 languages. Developed a 30-plus person team that included editors, graphic artists, domestic and international sales. Worked extensively with freelance authors, illustrators, and editors to improve company profit margins. Full funding and P&L responsibility. Established national relationships with software and book retailers to include CompUSA, Borders, Barnes and Noble, QVC, book clubs, and more. Signed translation and licensing agreements with publishers in 28 countries. Named an Ingram Platinum Publishing Partner 3 out of 5 years, an award given only to the nation's top 1% of publishers.

Author of over 110 computer books, the topics of which examine network protocols, operating systems, programming languages, hardware internals, security, SOA, Web services, cloud computing and wireless as well as hand-held devices. Publishers for the books include: McGraw-Hill, John Wiley & Sons, Microsoft Press, Macmillan, and Sybex. For a complete listing of the titles visit Amazon.com and search Jamsa. Received an award for reaching McGraw-Hill's top 50 list of royalty-earning authors. Designed, implemented, and sold software worldwide. The company was acquired by a larger publishing entity.

**Founder/President****JP Distribution****August 1994 to July 1997**

Established a warehouse and order fulfillment facility that shipped products worldwide. Implemented SCM software to integrated EDI billing and payments. Pursued and signed distribution agreements and partnerships with companies worldwide which included: McGraw-Hill, Addison Wesley, Pearson, Longman, and Wiley. Implemented shipping, billing, and receivables software. Improved shipping operations to reduce fulfillment costs from 24% to 5% of revenues. Developed shipping systems that allowed same day shipping for most orders. The company was acquired in 1997 by a larger publishing entity.

## **Education and Professional Development**

**Ph.D. Computer Science***Dissertation: Designing and Implementing a Consolidated-Object Model***Arizona State University****Ph.D. Education (Instructional Design for Distance Learning)***Dissertation: Designing and Implementing a Learning Object Registry & Repository***Capella University****Master of Science in Information Security****Master of Science in Project Management****Master of Education (Multiple Intelligences)****Master of Business Administration (Marketing/Entrepreneurship)****Master of Computer Science (Distributed Operating Systems)****Capella University****Capella University****Aspen University****San Diego State University****University of Nevada Las Vegas****Bachelor Computer Science (Databases & Operations Research)****United States Air Force Academy**