

Ryan Kimber

Technology Consultant & Architect

About Me



I'm an experienced technical leader, architect and strategist with excellent communications, technical design, development and team building skills. I have an exceptional ability to quickly grasp process drivers and business needs through conversation and observation, particularly in areas relating to patient care, medicine and emergency services. I take particular pride in my ability to turn complex real-world processes and needs into effective technical design while balancing business and technical concerns. Finally, I am unusual among my technical peers for my ability communicate technical concepts & options to non-technical audiences.

Summary of Skills



Technical - Nuts & Bolts

I've been fortunate to work with progressive organizations in both industry and government and have built hands-on technical skills with a wide array of technologies, including:

- Modern Web Technologies & Frameworks (such as MEAN, RoR, JQuery & more)
- Java Enterprise Applications (J2EE through J6EE, WebSphere, WebLogic, JBoss/WildFly, Tomcat)
- Java Native Interfaces, Windows & Unix development in (C, C++ & C#)
- Web Services (WSDL & REST-based, synchronous and asynchronous)
- Enterprise Service Bus Technologies (WebSphere, BizTalk, Sonic, Mule)
- NoSQL and SQL Databases (Mongo, Hadoop, Oracle, SQL Server, DB2, Progress, MySQL, Postgres)
- Public and private cloud deployments, traditional enterprise and SAAS deployments
- Emergency Services Computer-Aided-Dispatch message transformation, delivery & optimization



Technical - Design & Architecture

Having lead the design, development & delivery of secure, mission-critical applications in Health Care, Emergency Services and Financial Services, I have had to deliver designs and projects in a wide range of technical, security and regulatory environments. My noteworthy strengths include:

- data and rules modelling
- application failover and recovery
- application performance and scalability
- preparation of PIA & TRA documentation
- business process modelling
- application & network security
- ability to write complete, concise documentation
- ability to navigate beaurocracy



Soft Skills

I'm a highly resourceful, hardworking and intelligent architect known for being creative, personable and accountable to his projects and team. Some of the attributes I've been praised for include:

- A strong focus on the motivations behind and ultimate objectives of any task
- Ability to build understanding within a group when consensus can't be developed
- Ability to keep a team focused and working well in all kinds of circumstances
- Approachable demeanour, integrity, thoughtfulness, self-reflection
- Popularity with clients, management and teammates
- Ability to accept feedback and apply lessons learned
- Technical and social problem-solving skills, resourcefulness

Most recently, with PatientOrderSets.com, my team and I were responsible for working with partner and client organizations to develop specifications & prototypes for products and integrations, and for delivering final specifications to our in-house development teams when business interests aligned.



Relevant Experience & Projects



July 2013 - May 2014

Vice President, Technical Innovations

Key Responsibilities:

- working with clients, pilot groups & partner organizations to document workflow, processes & user challenges and create technical specifications
- development of product and feature ideas
- creation of prototypes for potential products
- development of architecture and design specifications for successful prototypes
- driving enthusiasm for projects & features
- project cost and resource estimation

Key Achievements

- Delivery of specifications & functional prototypes to the product development team for:
 - PatientAware for Complex Patients
 - Medication Reconciliation
 - Progress Notes
 - Spotlight for Quality Based Procedures
- Delivery of additional functional prototypes:
 - EP-Primary Care EMR Integration Module
 - Care Pathways (PHAC & Complex Care)

June 2009 - July 2013

Chief Security & Technology Officer

Key Responsibilities:

- Conception, development & delivery of product
- Architecture & design of core products
- Translation of Healthcare Team needs into technical specifications, drawings, plans & tickets
- Oversight of product development
- Oversight of product implementation & support
- Technical relations with clients & partners
- Compliance with federal and provincial regulations

Key Achievements

- Transitioned company from paper-based solution to being technology-centered
- Built a tight-knit, high-functioning team
- Technical design laid foundation for later business opportunities and products
- Achieved U.S. Meaningful Use Certification
- Patents pending for key DataBridge & EP features
- With CIO designed secure hosting infrastructure
- Completed successful PIA & TRA with KPMG

2014

2013

2009

2008

2006

2002

1999

1998



May 2008 - June 2009

Sr Technical Architect - Architecture Team

Notable Achievements:

- designed & lead implementation of:
 - Vendue: Charity Auction for United Way
 - Hygieia: Central solution for appl. properties
 - DocMerge: Central PDF data-merge service
- Significantly reduced licensing costs by migrating functions to open-source & in-house solutions

December 2006 - May 2008

Lead Developer - Development & Support

Notable Responsibilities & Achievements:

- lead refactoring of CONX, eliminated 12 000 lines of code, reduced change development time from months to days
- auto-population lead to major reduction in data entry & processing time
- lead development of Fund2Fund comparison tool



TORONTO POLICE SERVICE

May 2002 - December 2006

Senior Technical Analyst, Technical Architecture Group

Notable Achievements:

- Designed Twine framework for running multiple Java applications on a single Mobile Workstation
- Optimized CAD messaging for radio data network
- Developed API and standards for DB2 Content Mgr
- Designed Geo-location services for vehicles
- Designed Architecture for Security/Log Aggregator
- Designed and led development of Pushpin digital bulletin board, putting notifications in car
- Led development & implementation of Public Data Network for TPS' 500+ in-car workstations
- Received Chief's Award for contributions in 2006

September 1999 - May 2002

Junior & Intermediate Technical Analyst

Summer 1998, 1999

Co-op Student, CSG Technical Support



References

I would be pleased to provide references upon request.



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