

Alec Wilcox

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Profile

Alec Wilcox is a results oriented solution architect with over 15 years of experience in strategic leadership, technical architecture, systems design, development and implementation with strong specializations in Enterprise Java, .NET, Cloud, Platform as a Service, and SOA technologies. Alec has experience working as an architect and delivery leader on a variety of complex Cloud projects, Service Oriented Initiatives and Enterprise Application designs.

For the past eight years, Alec has worked as an architect and technical advisor on various large public and private sector initiatives, and has successfully managed delivery and architecture teams in challenging multi-stakeholder environments.

Education, Certifications and Awards

University of Victoria

B. Sc. Computer Science, Software Engineering Option, 2003 with distinction

itSMF

ITIL Foundations Certificate, 2006

SoftwareAG

WebMethods Integration and BPM Certificate, 2008

Areas of Knowledge

Core Competencies

Strategic Thinking, Motivating Others, Priority Setting, Presentation, Communication, Information Sharing, Drive for Results, Negotiation, Business Acumen, Building Effective Teams, Customer Focus, Organization, Open Discussion, Innovative Change, Coaching, Decision Quality, Ethics and Values, Professionalism, Integrity and Trust

Key Technologies

J2EE, Azure, .NET, XML, AngularJS, PL/SQL, WebMethods, Oracle BPEL, REST and SOAP Web Services, MS Office, Oracle Database, Layer 7 Secure Span Gateway, Microsoft SharePoint

Relevant Work Experience

April 2002-January 2016

Sierra Systems, Victoria BC

Consultant, Technology Principal and Technology Director

Alec held many roles within Sierra that involved him working with Sales, Human Resources, and Delivery Management to help set technical direction and strategy for the company and numerous clients. One of his primary areas of focus was on how to take advantage of emerging technology trends including mobile, social, analytics and cloud computing.

- Created a strategy for embracing Cloud Computing and Platform as a Service.
- Mentored developers and architects to ensure that they are focusing on emerging trends and future growth areas.

- Provided technical sales expertise on several successful pursuits both as a prime contractor and working with partners.

Key Business Outcome: Key contributor to winning several million dollars' worth of new and extended contracts. Successful delivery oversight of multiple projects and positioned employer to take advantage of future trends in the areas of cloud computing.

April 2015 – January 2016

Sierra Systems, Victoria BC

Solution Architect and Scrum Master for the Island Dispatch System on behalf of the BC Maritime Employers Association and International Longshore and Warehouse Union local 508

Alec worked with both stakeholder groups to design and architect a cloud based dispatch system built on the Microsoft Azure platform. Alec was also responsible for the architecture of a responsive, multi-channel, public facing website where the union members could get information about the work picture and current assignments.

- Architected a cloud based electronically assisted dispatch platform.
- Designed a mobile friendly website to allow union members and associates to interact with dispatchers.
- Led and mentored an agile team to incrementally deliver business functionality in an iterative fashion.

Key Business Outcome: Released the first version of the application into production in 10 weeks generating excitement and momentum for the project.

April 2007 – January 2016

Sierra Systems, Victoria BC

Enterprise Architect and Trusted Advisor on behalf of BC Ministry of Justice, Information Systems Branch

Alec has provided IT strategy and delivery support for the BC Ministry of Justice and related branches for over eight years and is considered a trusted advisor. Alec served on the Architectural Review Board for the Ministry and helped ensure that proposed vendor solutions aligned to Ministry and Central Government direction and standards.

- Worked with Ministry and Central Government architects to propose an architectural solution to the problem of Sector Access Management that involves incremental adoption and could be scaled for use in other domains.
- Documented a shared vision of the Justice Suite that is driven by business objectives and is enabled by technology. In addition, the vision was in alignment with current sector and government standards.
- Served on the Architecture Review Board to ensure that the Justice Sector has standards in place for development projects and that projects being proposed or under development are in alignment with these standards.

Key Business Outcome: A comprehensive set of standards and a framework for building applications for the Justice sector that contribute to the broader Enterprise incrementally.

January 2014 – March 2014

Sierra Systems, Victoria BC

Enterprise Architect for the Enterprise Architecture Refresh project on behalf of BC Registries Services

Alec was responsible for revitalizing the original Enterprise Architecture work that had been completed for the Branch and worked with the business to articulate a business and technical vision along with a set of guiding principles

- Elaborated a vision and a set of principles to underpin a strategic vision for the branch.
- Articulated the current and future state vision for the IM / IT systems.
- Created a set of prioritized actions to close the gap between the current and future state.

Key Business Outcome: The Client was very pleased with the quality of the report and how quickly it was delivered. Worked with the client to implement a number of the recommendations as outlined.

December 2013 – November 2014

Sierra Systems, Victoria BC

Solution Architect for the Document Processing System project on behalf of RoadSafety BC

Alec designed a robust technical service based on webMethods and Kofax aimed at reducing the backlog of applications submitted to the client through document recognition and processing. The solution was designed to be consumable as a service by other government agencies and partners.

- Worked with Ministry architects to design a solution to streamline the processing of documents.
- Architected a platform that can be extended to other business areas within the public safety sector.
- Completed detailed technical documentation of the solution and various interfaces.

Key Business Outcome: After the solution was implemented the document backlog was reduced from six weeks to single day processing within 2 months of go-live. The solution is currently being introduced to other stakeholders within the Justice Sector to solve similar problems.

January 2010 – January 2014

Sierra Systems, Victoria BC

Solution Architect for Integrated Corrections Operations Network (ICON) II on behalf of Corrections Branch

Alec was the lead architect of a large team of IT professionals building a system to deliver electronic services to Correction's clients under both custody and community supervision. Alec was involved in the requirements gathering, functional and technical design and implementation of all aspects of the system including the software solution, secure network and secure electronic devices for accessing the services.

- Architected a secure solution to deliver electronic services to Corrections clients.
- Worked to elaborate business requirements and functional designs.
- Participated in the rollout of the solution to pilot centers and helped facilitate the process of improving the solution based on pilot feedback.

Key Business Outcome: Successfully rolled out the system to all Provincial Custody and Community locations. The system has experienced significant uptake and has been well received by users.

April 2007 – March 2010

Sierra Systems, Victoria BC

Technical Lead and Architect for Integrated Corrections Operations Network (ICON) on behalf of Corrections Branch

Alec was the technical lead for the ICON project which improved the day-to-day activities of Corrections Officers, Parole Officers, Case Workers and others. Alec communicated between the various stakeholder groups and development team to ensure that the solution built on Oracle SOA Suite and BPEL technology met all business requirements and functional designs.

- Assumed responsibility for release planning, coordination and implementation.
- Mentored Ministry support staff with respect to how to manage and maintain the technology.

Key Business Outcome: The ICON project was successfully rolled out and served as a pivotal turning point in the evolution of Ministry systems away from legacy Oracle Forms applications towards modernized Service Oriented Architecture designs.

References

References will be supplied upon request.