

Alec Wilcox

1856 Grandview Drive, Victoria, BC V8N 2T9 • 250.661.8735 • AlecWilcox@gmail.com

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

Agile and Cloud, J2EE, Azure, .NET, XML, AngularJS, PL/SQL, JBoss, WebLogic, IIS, WebMethods, Oracle BPEL, REST and SOAP Web Services, MS Office, Oracle Database, SQL Server, Microsoft SharePoint

Relevant Work Experience

January 2017 – April 2018

Hodegos Solutions, Victoria BC

Service Designer and Development Lead, Passenger Transportation System (PTS) Project on behalf of the BC Ministry of Transportation and Infrastructure

Alec led an agile team that through iterative-based requirements elicitation, service design, continuous development and deployment, and consistent product demonstrations with the project stakeholders transformed the business solution for managing Passenger Directed Vehicle carriers in the Province. Alec's team developed multiple production releases that included input from stakeholders, providing incremental improvements to their business processes, and a level of transparency in to the overall project and its progression

- Provided strategic advice to the Ministry on how to best successfully implement agile methodologies for future projects.

- Delivering lightweight application user interfaces that can be demonstrated and delivered to the client for early feedback that could then be used as part of the application code base.
- Translating business and technical requirements to the developers and guiding the team to ensure the developed code was achieving business objectives.
- Facilitating Sprint Planning, Reviews and Development Scrums to ensure that weekly goals are met, and obstacles are removed.

Key Business Outcome: 5 successful production releases and creation of best practices to further the strategic goals of the Ministry to further embrace agile development

April 2016 – March 2017

Hodegos Solutions, Victoria BC

Solution Architect, Service Management Tools and Processes (SMTP) Project on behalf of the BC Ministry of Technology Innovation and Citizens' Services

Alec led the Order Management technical team who are responsible for designing the technical solution that will allow all BC Ministries and Broader Public Sector users to submit order requests through the HP ServiceAnywhere SaaS portal.

- Architected an integrated solution to share information between the cloud based SaaS application, on premise applications, BC Government staff and external service providers.
- Established a DevOps style environment for custom development including integration between GitHub, Jenkins and JBoss Fuse. Investigated how the environment could be further automated through containerization on the OpenShift platform.
- Designed a reusable API of services that could be leveraged to integrate with the Corporate Financial Systems for billing, recovery and other financial requirements.

Key Business Outcome: Developed an architecture and technical approach that not only met the project business requirements but could be leveraged for future projects moving forward with common requirements.

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.

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.

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.