Piers Michael Hollott

5-1850 Fern Street

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## SEEKING

Seeking position as a software architect or senior software developer specializing in database-driven design, contemporary client-server and XML technologies

## SUMMARY OF SKILLS

* Web/Windows Software Developer
* Experienced Technical Lead
* Quality Assurance and Testing
* Experienced Technical Writer
* Dedication to Software Engineering practices, Innovative Design and Object-Oriented Programming
* Java, Spring, Hibernate, Maven
* Extensive SQL, PL/SQL, HL7 v3
* Standards-based messaging

## ACHIEVEMENTS

With a career spanning twenty years in the software industry, I have worked as a team and conformance lead, software developer and technical writer. Throughout this career, I have developed enterprise applications, Windows software, on-line training, and written document deliverables for testing, requirements, and end-user reference. At the University of Victoria, I volunteered as a radio host and defended an MA Thesis on critical theorists Deleuze and Guattari.

## EDUCATION

1996 – 2000 MA – Literature

1990 – 1995 BS – Computer Science,

 English Literature

## PROFESSIONAL EXPERIENCE

2013 – Now *Principal Technologist*

 Sierra Systems

 Victoria, British Columbia

2007 – 2013 *Senior Java Developer
HL7 Conformance Specialist*

 Sierra Systems

 Victoria, British Columbia

2006 – 2007 *Senior Java Developer*

CMSI Mentoring Solutions

 Saanichton, British Columbia

2002 – 2006 *Senior Application Developer*

McGhan Consultants, Ltd.

 Ladysmith, British Columbia

1999 – 2001 *Systems Analyst (Lead QA)*

####  Software Engineer

Bill Good Marketing

South Jordan, Utah

1996 – 1997 *Web Developer*

 Department of English

University of Victoria

1992 – 1993 *Programmer/Analyst*

 Bell Northern Research

Ottawa, Ontario

1991 *Programmer*, EO/EG Lab

 Dow Chemical Canada

Fort Saskatchewan, Alberta

1989 – 1990 *Disk-Jockey*

 CFUV Sound System

Victoria, British Columbia

## VOLUNTEER EXPERIENCE

2010 – Now *XML/Mobile Subject Matter Expert and Writer*Studio B Media

2001 *ESL Tutor* Guadelupe School, SLC UT

1988 – 1992 *Traffic Manager*

 *Volunteer Coordinator*

CFUV FM Radio

University of Victoria

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# WORK EXPERIENCE

**Principal Technologist. Sierra Systems.**Victoria, BC. June 2013 to present.

The British Columbia Provincial Laboratory Information System (PLIS) project involves development of a system to store patient laboratory information across the province. The project has involved customization of the original Java-based product to meet BC requirements and integration with the BC Health Information Access Layer (HIAL).

* Technical Lead for ongoing maintenance and work orders for multi-tier messaging based system capable of receiving patient lab information in an HL7v3 messaging format, and storing the information for future reference.
* Provides leadership on the PLIS technical team based on expertise with the HL7v3 messaging standards, with responsibilities including liasing with various other teams involved in project requirements analysis and gathering, software design, code reviews, and scope management.
* Authoring architectural approach and client deliverable documents.
* Involved in estimation, costing and administration activities.
* Technical evangelist for enterprise mobility and other emerging technologies.

**Senior Java Developer/HL7 Specialist. Sierra Systems.**Victoria, BC. June 2007 to June 2013.

* Net-new design and development of client-server applications using Java 1.5 and 1.6 with Spring, Hibernate, Adobe Flex architecture; Maven and Eclipse.
* ETL (conversion) from legacy database to Oracle 10G using Talend Open Studio, an open-source ETL/MDM data integration product.
* Prepared scope tracking, design and development for code changes for multiple releases of WHIC Healthcare Provider Registry (PRS), a J2EE EHR database application used by provincial jurisdictions Canada-wide.
* Lead documentation rework effort for Provider Registry documentation.
* Conformance testing for Health Level 7 (HL7) Interface with PRS, involving test query/response message creation, XSL, XSD, SOAP and WSDL.
* Engineered changes to the Provider Registry HL7 interface to add new web service end points, adding XSL transformations for new interactions.

**Senior Java Developer/Project Lead. CMSI Mentoring Solutions.** Saanichton, BC. June 2006 to June 2007.

* Team lead for several development cycles of Colaboro mentoring software, including Mentoring Action Plan and Coaching Plan modules.
* Developed and maintained existing code-base, using Spring, Hibernate and Tapestry, Java Server Pages and core servlets, MySQL and Apache Tomcat.
* Lead Quality Assurance effort, including development of open-source QA use case knowledge-base web service (generates a stream of regression tests).
* JavaScript evangelist, assisting colleagues with client-side development.

**Senior Web Application Developer/Intermediate Developer. McGhan Consultants.** Ladysmith, BC. April 2002 to June 2006.

* Developed, engineered and maintained INTRAC, HTML-based e-training package written in VBScript using XML, XSL/T, Ajax, ADO.
* Lead team that redesigned and rewrote INTRAC software using OO JavaScript for cross-browser use.
* Developed Navigation Utility used by assembly team, using Visual Basic.
* Developed COM/ActiveX components in C++ and Visual Basic.
* JavaScript evangelist, assisting colleagues with client-side development.

**Software Engineer. Bill Good Marketing.** South Jordan, UT.September 1999 to October 2001.

* Engineered software modules with multiple development tools over three successful releases, using Visual Basic, VBA and C. “Gorilla” software is a CRM/Campaign package (cf. ACT, Goldmine), targeting Financial Planners.
* Developed and implemented Conversion/Import Utility to convert MS Access 97 database to Access 2000. This project involved extensive code-side SQL.
* Organized weekly development meetings. Collaborated with fellow team members in code reviews, structured walkthroughs, pair programming.

**Systems Analyst. Bill Good Marketing.** South Jordan, UT.January 1999 to September 1999.

* Developed automated test suites using Microsoft Test Basic for acceptance and regression testing, benchmarking and stress testing.
* Authored and maintained test plans and specifications for requirement, implementation and acceptance, as well as an on-line help system.
* Coordinated manual software testing, database of bugs and enhancements.

**Web Developer. Dept. of English, University of Victoria (Challenge Grant).** Victoria, Canada. September 1996 to April 1997.

* Designed, developed and maintained faculty websites, used by instructors to distribute information. Extensive use of Adobe PageMill and hard-coded HTML and Javascript.

**Programmer/Analyst. Bell Northern Research.** Ottawa, Canada. January to April 1993; September to December 1993.

* Developed firmware and software built-in test procedures in 68000 Assembly-code and ProTel, a proprietary object-oriented language similar to C.
* Carried out routine software maintenance and (weekly) sanity testing related to the telephone switch core operating system.

**Programmer, EO/EG Lab. Dow Chemical Canada, Inc.** Fort Saskatchewan, Canada. September to December 1991.

* Upgraded various historical information utilities and forms for new situations.

# LEADERSHIP AND EXTRACURRICULAR ACCOMPLISHMENTS

**XML and Mobile Subject Matter Expert, Studio B Media**. July 2010 – present

* Writing industry analytical articles for IBM developerWorks website on open-source and XML-related topics like DITA, OASIS CAM, IBM Worklight.

“Implementing a client-side healthcare application using Saxon-CE and CDA”, which is also referenced from the Saxonica vendor website:

<http://saxonica.com/ce/user-doc/1.1/html/demonstrations.html>

<http://www.ibm.com/developerworks/library/x-healthcaresaxon/index.html>

“Create walkthrough and acceptance scripts from single-sourced DITA”, which was also referenced and excerpted by the OASIS-hosted XML Cover Pages.

<http://xml.coverpages.org/newsletter/news2010-11-03.html>

<http://www.ibm.com/developerworks/library/x-ditatesting/>

“Extending HL7 v3 schemas using CAM Processor”

<http://www.ibm.com/developerworks/library/x-extendhl7cam/>

**ESL Tutor, Guadelupe School**, Salt Lake City, UT. October 2001 to December 2001.

* Volunteered once a week for two hours, tutoring Spanish and Vietnamese-speaking students in English.

**Vice President/Treasurer/Assistant Volunteer Coordinator/Host. CFUV FM Radio & CFUV Sound System.** University of Victoria. Victoria, Canada. 1988-1992

* Updated computerized equipment inventory; Maintained member/volunteer/donor database. Some of this was a Work Study position.
* Wrote copy for on-air promotions and public service announcements.
* Disk-jockeying, both as an on-air host and as a member of the CFUV Sound System, which provided music for dances, weddings and graduations.

# REFERENCES

**Andrew Cripps, Lead Architect,** Western Division, Canada Health Infoway.

(250) 217-6422

**Bruce McGuire, Development Lead,** Corporate Mentoring Solutions (CMSI).

(250) 652-0324

**Damian Shaw, Director, Research and Development,** Bill Good Marketing.

(801) 619-9379 (home)

**Arnie Keller, Director, Professional Writing Program,** University of Victoria.

(250) 721-7238