

# David Priest

**PROFESSIONAL WRITER  
XML TECHNOLOGIES EXPERT**

## **OFFICE**

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## Overview

**TWENTY YEARS OF TECHNICAL DOCUMENTATION EXPERIENCE  
FIFTEEN YEARS OF XML AND XSLT STANDARDS EXPERIENCE**

- Authored and edited thousands of pages of detailed engineering specifications, hardware assembly, hardware maintenance and repair, software installation, and software usage manuals and tutorials.
- Developed schemas, web service interfaces, data transformations, automated testing systems, and other components of an enterprise service bus providing orchestration and data integration for disparate banking and healthcare supply-chain software.
- Self-directed, meticulous worker with a history of on-time completion of accurate, thorough documentation of cutting-edge technologies, using rock-solid data transformation tools.
- Produced documentation used by Fortune 500 and government network security specialists; by sound designers for leading audio productions by Disney theme parks, Cirque du Soleil spectacles, Broadway and West End shows, Princess Cruise Lines, and the Olympic opening ceremonies.
- Created XML transformation pipelines and services used by Canada's largest credit union, servicing over a half-million accounts and processing tens of billions of dollars in transactions annually.
- Created XML and EDI transformation pipelines and services for several British Columbia healthcare authorities, integrating, automating, and reducing supply chain costs.

## Skills

**TECHNICAL PROFICIENCY IN WORDS, XML STRUCTURES, AND PRODUCTION**

- Excellent English language skills, particularly regarding documentation of software interface descriptions, work processes, technical theory, mechanical assembly, and project proposal language.
- Advanced technical skills in the use of XML technologies including XSLT, XSD, SOAP, XPath and other W3C and OASIS standards involved in the provision of data transformation/data integration web services.
- Developed tools for the automated conversion of source code documentation to Docbook XML for inclusion in end-user publications; for conditional text inclusion based on software revision, publication title, or target audience; for literate programming used in defining schemas through human-readable documentation; and automated test harnesses enabling rapid, broad testing of complex financial queries.
- Experience in developing web applications using a wide range of programming and development tools.

## Experience

### **SOLE PROPRIETOR, DAVIDPRIEST.CA, VERNON**

**2009–2020**

- Development of SOAP services (including XSDs, WSDLs, XSLT, and orchestration) used to integrate disparate components of the healthcare services supply chain, reducing costs and increasing reliability, for WorldWest Technologies (now Avato) and lower mainland and island Health Authorities (Vernon/Vancouver/Victoria).
- Development of SOAP services (including XSDs, WSDLs, XSLT, and automated testing tools) providing integration of legacy core banking services and modern client- and teller-facing web and interactive voice response applications, for WorldWest Technologies (now Avato) and Coast Capital Savings (Vernon/Vancouver).
- Contracted for updates to Meyer Sound Laboratory hardware and software manuals (Vernon/San Bernardino), and for creation of utility tools for the conversion of RestructuredText to IEEE-compliant Microsoft Word documents.
- Conversion of Framemaker source to Docbook XML, development of Docbook XML workflows, creation of XSL transformations, and continued documentation development for MANDIANT (now Fireeye) (Vernon/Washington, DC).

### **TECHNICAL WRITER, MEYER SOUND LABORATORIES, VERNON**

**2007–2009**

- Authored and edited a variety of hardware and software manuals for internal, contract manufacturer, and customer use.
- Created photographs and illustrations for technical manuals with the use of photo editing software, vector graphics software, and other supporting software.
- Redeployed and managed parts list/made-from inventory tracking system, documenting all assembly and subassembly components of our product line.
- Developed web applications for internal product tracking, quality control, and design defect tracking using the Django web framework.

### **SOLE PROPRIETOR, WRITERSBLOCK, VERNON**

**2000–2007**

- Authored and edited of hardware and software manuals for Level Control Systems (now Meyer Sound Laboratories) (Vernon/San Bernardino).
- Authored operating manual content for Endymion telephone directory publishing software (Vernon).
- Researched, and presented information on software development methodologies and beta test procedures for Opera Software (Oslo).
- Designed marketing materials for Klemmer & Associates (San Francisco), InPursuit (Kamloops), Clean Water for Haiti (Vernon), and others.

## Education

### W3C STANDARDS AND SCRIPTING TECHNOLOGIES

CONTINUING

- Special interest in using XML technologies to avoid proprietary product lock-in led to self-study for a broad range of scripting and programming languages, with particular focus on developing useful document assembly tools in Bash, Python, and XSLT.
- Many standards and tools are open-source and thoroughly documented, allowing self-motivated individuals to fully educate themselves on the technologies and their use.
- Currently engaged in developing an orchestration system based on literate documentation, a tool that can be used to deliver to-spec data integration/system integration solutions that do what they say and say what they do.

### BUSINESS PROCESS ANALYSIS

1999

- Attended the *PowerTools* training course, gaining new skills in developing product requirements, business cases, and work plan documents using a highly structured methodology.

### BACHELOR OF EDUCATION

1991

- Graduated University of Alberta with a generalist degree. Coursework included sciences, statistics, fine arts, political science, and psychology, as well as requisite teacher training courses.