

Barry L. Workman

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EXPERIENCE

- I have elicited business requirements and negotiated contracts in many countries, languages, cultures and business climates.
- I am often the person selected to correspond with more senior clients and have a reputation as a good rapport builder.
- I am usually selected as “The Writer” of Grants, proposals and publications and have often edited larger publications.
- I have a reputation for explaining the highly technical in general easy to understand terms.
- Requirements Analyst and Developer: Chemical Properties Chemical Abstracts Service. Elicited, refined and adapted use cases extending functionality to a new architectural framework... Maintained production code and extended legacy systems in a Unix environment. Analyzed, normalized and loaded incoming raw data to database for use by publication systems.
- Data Analyst and Java Developer. CDS. Chemical Abstracts Service Java transformation and utility classes written using Agile methodology.
- Project Manager and Lead XML Developer of the Ohio Legislative Content Management System.
- Project Manager and Lead: conversion of the State of Ohio Administrative Code to XML.
- Team leader: the Ohio Legislative Bill drafting GUI application.
- International Project Manager/Director. US Feed Grains Council (USFG): Conceived, designed and managed 15 development projects in six countries and multiple languages. Performance measured in \$ of US exports to target countries.
- Business Analyst/Consultant (USFG) to Ministries of Agriculture, Governments of, Kenya, Egypt, Turkey, Tunisia, Morocco, Algeria and Kingdom of Saudi Arabia.
- Principal Planner and Project Manager: Senior Management Training Program, El Tarf, Algeria agricultural demonstration projects. Developed comprehensive management training curriculum, hired faculty and independent interpreters to present 3 month curriculum. Approval and funding of final project by US and Algerian Governments based upon my evaluation of management team abilities. All project business and instruction conducted in French, coordinated with MINAG Algeria.
- General Manager. Feed Division, The Ohio Grain Company. Supervised purchasing, formulation, production, transportation, sales, regulatory (FDA) compliance and animal health Departments. Reported to CEO. 35 – 50 employees. Managed large wholesale ‘house’ accounts. Performance measured by P & L of the Division.
- Lt. Colonel US Army Reserve (retired). 26 years in Operations or Command position. Co-Authored two national Staff Studies realigning US Army Reserve assets. Wrote and implemented plans that deployed US Army Reserve Unit personnel all equipment and supplies for sustained operations from Columbus, Ohio to war in Saudi Arabia in 7 days (Desert Storm).
- Residential Real Estate Practice. Founder and presently inactive partner in a 3 Million plus 22 year old Clintonville business. A successful “Customer for Life” practice.

TECHNICAL EXPERTISE

- Java Technologies: POJO, JSP, JSTL, Servlets, EJB, Eclipse, Ant, Struts, Tomcat, JBoss, JAXB
- Content Management & XML : XML, XSLT, XPath, XQuery, XOM, Apache FOP XSL-FO, multiple XML Schema and DTD Development.
- XML Tools. XML Spy, Oxygen, ArborText, XMetal.
- Testing Tools: JUnit, FIT, Perl Test Suite.
- Scripting Languages, etc. Unix Solaris tools: KSH, Perl, Omnimark, Awk, Ruby
- Analyst and Developer Tools: Doors, Clearcase, Sharepoint, Wiki's., CASE Tools
- Website Development: Dreamweaver, XHTML, CSS, PHP5

PROFESSIONAL EXPERIENCE

Developer and RA Properties, Department 26 Chemical Abstracts Service **May 2007 - 2010**

- Analyzed, Organized, Tested and loaded SPECTRA and Chemical properties to DB.
- Wrote JAX B conversion XML property data to Java classes for DB loading & sharing
- Developed test environment & extended function of Perl, Unix and VB Script Weekly Reports
- QA'd CDS property load data

Co Owner Workman Real Estate Services and Workman Associates Inc. (Consulting) **July 2006-April 2007**

Data Analyst-Java Developer Chemical Abstracts Service **June 2005- 2006**

- Designed and wrote Java transformation & utility applications using Agile Java methods - peer reviewed. .
- Analyzed and determined meaning and relationships of individual data elements in patent documents from worldwide vendors/collections.

Developer/Sub-Contractor - Assurex Insurance/NXTECH Inc. **Sept 2004 – May 2005**

- Analyzed & Mapped EJB-J2EE application data and developed XML structures from EJBS.
- Designed XSL-FO style sheets rendering J2EE output to PDF forms meeting the client's state by state specifications using Java (Apache) XSL FOP.

XML Developer - Information Control Corp./Ohio Department of Education **Jan-July 2003**

- Wrote XML applications to render curricula documents to PDF, RTF and HTML using Java based FOP, XPath , XSLT, XSL_FO.

Senior Software and XML Evangelist - IAM Technology **Oct 1999-Nov 2002**

- Application Areas: Legislative Document Design and Content Management, Java Development, Web Services, E-Commerce, Data Delivery.
- Design Team member for Legislature of Ohio Java Enterprise Content Management System.
- Designed and built XML document structures and XSLT conversions for Legislature of Ohio Java Enterprise Content Management System.
- Converted the Administrative Code of the State of Ohio to XML from the proprietary application Folio Views via RTF manipulated by XSLT and Omni mark.
- Provided XML support for all commercial clients of IAM Technology and devised server side data conversion XSLT and X Path filters as part of middleware applications.
- Supervised a team of developers producing a Java/ XML application for document drafting and content management.

- Editor and Chief Respondent Legislative RFP's of Legislative Document Management Systems for IAM Technology.

PREVIOUS EMPLOYMENT

Realtor, Workman Real Estate Services associated with HER Real Living .

Workman Associates, International Consulting, Projects: Algeria, Turkey, Egypt (closed due to war).

Director, Mideast/Africa Office US Feed Grains Council, Rome, Italy.

General Manager, Shur Tone Feeds, The Ohio Grain Company, Milford Center, Ohio.

Nutritionist, Shur Tone Feeds, The Ohio Grain Company, Milford Center, Ohio.

EDUCATION:

- B.Sc., Agriculture, M.S., Ph.D, Animal Nutrition/Biochemistry, The Ohio State University.
- Strategic management with emphasis on logistical planning, systems analysis, course of action development and communication skills. U.S. Army Command and General Staff College.,
- Various Real Estate CE in business law, finance, marketing, ethics and EEO.

LANGUAGE SKILLS

Acquired on an 'as needed basis'. I have authored Scientific and Management articles in English Arabic, French and Turkish publications. Resident of Rome, Italy 4 years. Job responsibilities were in several N. African and Middle East countries. I have some fluency in Italian, French and Arabic.

PROFESSIONAL ORANIZATIONS

International Institute of Business Analysts

Central Ohio Java Users Group

Columbus Ruby Brigade

PUBLICATIONS

List of Scientific and non- refereed management publications available on request.