

*Author, Photographer, Artist, Sculptor, Editor, and Publisher  
Game, Entertainment, and Educational Product Designer, Architect, and Programmer  
Database and Database Application Architect, Designer, and Analyst*

## *Summary*

Experienced, working writer, editor, designer, poet, photographer, sculptor, graphic artist, and electronic book publisher with three published eBooks available at Amazon.com and Barnes & Noble, eight PDF books available at wcePublishing.com and six limited edition photo cover paper books available by request. Key or sole technical, artistic, and content contributions for 11 active websites.

Experienced, acclaimed board game designer and experienced internet game, internet entertainment and internet educational product designer and technical consultant.

Experienced, high level database and database application designer with a record of successful collaboration, leadership, and successful database and database application projects for complex, multi-year projects as well as fast-track (six months or less) small and medium scale projects.

<i>Website Developer</i>	<i>Writer, Editor, Poet</i>	<i>Photographer, Sculptor</i>
<i>Game Designer</i>	<i>Book Designer</i>	<i>Graphic Artist</i>
<i>Complex Application System Design Experience</i>	<i>High Level Application Design and Development Experience</i>	<i>High Level Database Design and Development Experience</i>
<i>History of Effective Leadership and Collaboration</i>	<i>Proven Communication and Writing Skills</i>	<i>History of Successful Database and Internet Application Projects</i>

## *Selected Accomplishments*

- ◆ In 2012, for wcePublishing, I designed, composed, and edited final document and PDF editions of three books of poetry, managed and approved translations to two commercial electronic file formats, MOBI (Amazon) and ePub (Barnes & Noble, etc.) for each book, obtained ISBNs for each format, and obtained U.S. Registered Copyrights for the PDF editions of the books.
- ◆ In 2013, also for wcePublishing, I designed, composed, and edited final document and PDF editions of four additional books of poetry and added selected original art and photos for two updated editions of books published in 2012. One of the books published in 2013 also includes 18 original photo and art selections as part of the internal book designs. In 2013 I also designed, composed, and created limited art print editions for four of the PDF books with original art and photos and created two new limited art print editions books of poetry.
- ◆ Currently I manage domain names, web development and content for eleven active websites.
- ◆ For Maine Quality Information Partners, Inc. (MaineQIP), as a database and database application designer, technical project manager, and SQL analyst/programmer, I was the principal MaineQIP resource ensuring project completion, planned additions, and ongoing support, and custom report development for a secure internet database application and an online reporting system for a medium sized health improvement program (50+ staff) designed for individuals with

identified health risks; technologies – Microsoft SQL Server 2005 and .Net. I also researched open source software licensing alternatives, selected an open source license for, and managed the process of placing the medium sized .Net and Microsoft SQL Server multi-user database application into open source under MPL 2.0 (Mozilla Public License).

- ◆ For MaineGeneral Health, as an information analyst and experienced SQL programmer, I added enhancements to MaineGeneral's TouchWorks ETL processing via a system of stored procedures that perform nightly analysis of clinical visit statistics to assign ownership of patients to specific practices and clinicians. I also oversaw and facilitated migration of MaineGeneral's Allscripts Touchworks reporting database from a weekly ETL product to a daily ETL product, and worked with an information analyst partner to plan and implement a custom SQL Server Reporting Services report delivery system and a library of clinical and management EMR reports for MaineGeneral clinical and medical management staff; technologies – Microsoft SQL Server® 2005, SQL Server Management Studio®, Microsoft Reporting Services® and T-SQL.
- ◆ For NBA.com (www.NBA.com), as principal architect and developer, I created data specifications for live NBA/WNBA data extracts (game-time Courtside Live data extracts delivered at 30 second intervals) and all Flash™ MX data fetch and parsing routines as well as design and implementation of all objects, object attributes and methods and Flash™ movie player programming to drive the display and user interface for the NBA's original Courtside Live web browser application that displayed live game scores, play-by-play (XML extract) scrolling data feeds , player statistics (15 sorting columns, 3 sliding pages), and graphic chart display of player efficiency. The online product was used for four years at the NBA and WNBA websites; technologies – Javascript, Flash™ MX ActionScript objects, methods, attributes, and XML. Note, the project also included graphic artists and a Flash™ resource integrator.
- ◆ For Future Pastimes, LLC and Cosmic Encounter® Online (www.CosmicEncounter.com) as CIO and chief technical designer/programmer, I created product design databases, website and game databases, interactive membership pages, an affiliate linking and tracking system, a membership subscription system, promotional and player ranking applications; game data processing code, design database translation routines for the game's XML resource text and game interaction formula logic and code. I also designed and programmed the computer opponents (game AI) for the online game. For Future Pastimes clients, Association of Children's Museums (www.ChildrensMuseums.org) and Tampa, Florida's Museum of Science & Industry (www.mosi.org) interactive educational application projects, I created application design databases and custom SQL to XML applications to generate product data (www.goodtogrow.org/ and www.mosi.org/what-to-do/exhibits/second-floor.aspx); technologies – Microsoft Access® and MySQL™, Java™ and Flash™ MX ActionScript objects, attributes and methods, Perl, DBI & SQL, mod\_perl, and XML.

## *Work Experience*

### **wcePublishing and wceDesign**

As sole proprietor, author, editor, photographer, book designer and publisher, I designed and published three books of poetry and released them to Amazon and BARNES&NOBLE online book stores.

In addition, in 2013 I published four new PDF books of poetry and four limited art editions of the PDF books, and two new limited art editions books of poetry.

I have been a key contributor and manage domain assets for two active commercial websites and also manage domain assets, created logos, and published websites for six non-profit websites and a personal

website. I also manage income from active game licenses, business interests related to game, educational, and entertainment product design work with Future Pastimes, LLC and Eon Products, Inc., as well as websites, domain names, and published books.

### **Maine Quality Information Partners, Inc. (November 2008 to present)**

As CEO, project manager and database and database application designer and developer, I provide consulting, management, and programming services for clients of Maine Quality Information Partners, Inc. (MaineQIP).

- ◆ For a MaineGeneral consulting contract, as information analyst and database technical resource, I provided custom T-SQL programming and report development.
- ◆ For a consulting project for a medium sized, multi-year (2008 – 2013), multi-location health program with 50+ staff and a goal of improving the health of selected individuals with identified health risks, as a database and database application designer and developer, report developer, and application support consultant, I co-designed, managed and contributed to development and enhancements for two secure online database applications and provided ongoing project planning, support, programming, technical and management consulting and subcontractor management services. I also managed the project to design and deliver a content management website for the organization. I currently provide consulting assistance on an as-needed basis.
- ◆ For a project to convert business information from Excel to a database application for a small insurance agency, as an information and database application consultant, I defined business information requirements, organized the review and purchase of a commercial database application and provided ongoing technical consulting and SQL programming for the process of importing information about customers, carriers, plans and important customer, carrier, and plan detail attributes from Excel spreadsheets to the insurance agency's new database.
- ◆ For professional, non-profit, and business organizations and individual customers, I co-designed, implemented, completed enhancements for, and supported a custom SQL Server Express desktop database application that can be easily customized using the database itself to meet specific customer needs for managing detailed contact information, email and mail distribution lists, organization and individual scheduling and detailed information about events, including multiple notes and custom observation(s) for events, asset management information, including customizable asset attributes and links to events, customizable status, and multiple related file links for organizations, individuals, and assets.
- ◆ For MaineQIP and MaineQIP customers, I provide ongoing planning, marketing, project management, customer support, information, database and application analysis and consulting, custom programming, and custom report development.

### **wceDesign (2000 to present)**

Starting November 2007 until the formation of Maine Quality Information Partners, Inc. in November 2008 (for which I continue my MaineGeneral Health consulting), as an information analyst contractor for MaineGeneral Health, I participated in the following MaineGeneral Health clinical EMR projects:

- ◆ Conversion from Weekly to Daily Allscripts Touchworks ETL Project. As an information analyst contractor and technical resource, I coordinated with MaineGeneral IT and MaineGeneral third-party database consulting providers to successfully migrate the EMR TouchWorks reporting database from a weekly to a daily product.

- ◆ Allscripts Touchworks ETL Enhancement Project. As an information analyst contractor, I created and tested reporting data enhancements to TouchWorks ETL processing via a system of stored procedures that perform nightly analysis of clinical visit statistics to assign ownership of patients to specific practices and clinicians.
- ◆ MaineGeneral Allscripts Touchworks EMR Clinical and Clinical Management Reporting System Project. As an information analyst contractor, I worked with an information analyst partner to plan and implement a custom report delivery system based on SQL Server Reporting Services and a library of clinical and management EMR reports for MaineGeneral.
- ◆ MaineGeneral CMS PQRI Project. As an information analyst contractor, I worked with an information analyst partner as MaineGeneral's lead analysts and primary contacts for required MaineGeneral participation in conference calls with CMS. Based on CMS PQRI requirements with my information analyst partner, I planned and implemented a system of intermediary tables and stored procedures that pulled and matched patient data records from both the MaineGeneral registration database and Allscripts Touchworks clinical visit database to create a final extract table matching the CMS XML specification for submitting PQRI data to CMS.

### **Future Pastimes, LLC. (2001 to present)**

As a partner, chief technology officer, database architect, website developer, and game application developer, I provided high level design, technical implementation expertise, and programming services for the following projects:

- ◆ NBA.com *Courtside Live* Interactive Web Application. As the product data stream, object and method designer and programmer, I created nested delimited text, low bandwidth specifications for live NBA/WNBA data extracts (game time *Courtside Live* data, delivered at 30 second intervals) and all Flash™ MX data fetch and parsing routines as well as the designs and implementation of all objects, object attributes and methods and all critical Flash™ movie layer programming to drive the Flash™ player display and user interface for the NBA's original *Courtside Live* web browser application that displayed live game scores, play-by-play (XML extract) scrolling data feeds, player statistics (15 sorting columns, 3 sliding pages), and graphic chart display of player efficiency. The online product was used for four years at the NBA and WNBA websites. (ref: <http://mainequalityinformationpartners.com/nba-courtside-live-project/>)
- ◆ Tampa, Florida's Museum of Science & Industry *WeatherQuest!* interactive museum exhibit/classroom multi-player educational game. As the product design and data management application designer and developer, I created project and application design databases and custom XML applications to create easily changed XML configuration files to control the *WeatherQuest!* interactive educational applications. (ref: <http://www.mosi.org/what-to-do/exhibits/second-floor.aspx>)
- ◆ Association of Children's Museums *good to grow!* educational web application. As the product design and data management application designer and developer and the product database designer, I provided all technical design and programming for the product design database that managed text and graphic product information and produced the final information for the web application as well as the database design for the online application's live database (ref: <http://mainequalityinformationpartners.com/goodtogrow/>)
- ◆ Future Pastimes, LLC Cosmic Encounter® Online website and online game application. As the website database and interactive web application designer and programmer and the game database and data to application interface designer and programmer, as well as the second game engine programmer, I created product design databases, websites and game databases,

interactive membership pages, affiliate linking and tracking system, promotional and player ranking applications, game data processing code, design database translation routines for the game's XML resource text, and game interaction formula logic and code, and also designed and programmed the game's computer opponents (the game AI).

(ref: <http://mainequalityinformationpartners.com/online-multi-player-game-site/> and [www.CosmicEncounter.com](http://www.CosmicEncounter.com))

### **Maine Legislature Information Systems (November 1992 to October 1998)**

As senior programmer analyst, I worked with a large project consultant and a legislative process expert, and provided technical analysis and technical leadership for research and planning phases of the Maine Legislature's Wang VS to client server migration project, which included migration of all of the Legislature's data and legislative process management applications. I also provided HTML, SQL procedures, Microsoft Indexer hooks and other technical support for the original project that moved the Maine Statutes from Wang VS applications to Maine Legislature web pages, automated translation and transfer of weekly legislative status reports to state's high speed Xerox printer queues, completed Microsoft Access® data conversion projects, and was responsible for modem hardware, software, and modem connection-related technical support to legislators and the public for the pre-web online Bill Status system, completed an address and mailing label database with related output and conversion programs written in COBOL, and provided software/hardware support for non-partisan and partisan staff and legislators.

### **Sytron Corporation (November 1988 to May 1992)**

As a programmer team leader, I provided management, technical leadership, a software device driver development application "kit," and programming for the in-house device driver team and external device driver development efforts at Hewlett Packard, Western Digital, etc.

### *Education and Training*

Hamilton College (1967). BA, English

VISTA Volunteer, Chicago and Southern Illinois

Teacher, Urban Teacher Corps, Washington D.C.

Dynamy, Inc. Adult Outward Bound course

Wang Laboratories, SUN Microsystems, Sytron Corporation, Maine Legislature technical training and courses

University of Maine, Orono: graduate course Effective Group Work

### *Technical, Leadership, and Other Related Skills*

Languages	SQL, T-SQL, Macromedia® Flash™ MX ActionScript, Java™, Perl, Perl CGI & DBI, mod_perl, Delphi™ (Object Pascal), Python, Javascript, C, C++, Visual Basic® & Visual Basic for Applications®, Forth, Assembly, COBOL, etc.
Relational Database	Microsoft SQL Server® Management Studio, Microsoft SQL Server® Business Intelligence Development Studio and Reporting Services, Datanamic Solutions DeZign for Databases, Microsoft Access®, MySQL™
Hierarchical Data	HTML, CSS, XML, nested delimited text
Operating Systems	Micro – Microsoft Windows® (XP, NT, 2007, etc.), DOS, Sun Unix, Unix, Linux Mini – Wang VS

Office and Other Applications	Microsoft Access®, Word®, Excel®, PowerPoint®, and Outlook®; Borland Delphi™ (now Embarcadero Delphi) and JBuilder™, MySQL™, Microsoft SQL Server Management Studio, Microsoft Visual Studio, datanamic DeZign for Databases, Ipswitch WS_FTP Professional, Van Dyke Software SecureCRT, JetBRAINS IntelliJ IDEA and WebStorm, NewsGator TopStyle Pro, Muli Edit Software Multi-Edit, Just Great Software Edit Pad Pro and RegExBuddy, Adobe Photoshop® and Photoshop® Elements, Corel Painter®
Management & Leadership	<i>Partner, CEO</i> – Maine Quality Information Partners, Inc.; <i>Partner, CTO</i> – Future Pastimes, LLC; <i>Director/Officer</i> – Eon Products, Inc.; <i>Vice-President</i> – R&B Partners; <i>Senior Programmer/Analyst</i> – Maine State Legislature; <i>Team Leader, Manager</i> of external driver development projects – Sytron Corporation; <i>Volunteer Teacher/Mentor</i> Bolduc Correctional Facility.
Technical Writing, Writing, Editorial, Product Design, and Artistic Design	<p><i>Technical Writing:</i> major contributor, Maine Legislature Migration Project RFP, wrote Remote Bill Status Access installation guide for Maine Legislature; wrote Driver Development Kit documentation for Sytron Corporation. Tested and edited documentation and computer based training products and performed Product Quality Assurance for Wang Laboratories.</p> <p><i>Writing/Editing:</i> author and editor of three books of poetry and 140 poems published online (<a href="http://wcePublishing.com">http://wcePublishing.com</a>); author of game design article series, “tech tantra thursday” <a href="http://ideabout.com/techtantra/ttt_toc.html">http://ideabout.com/techtantra/ttt_toc.html</a>) for Cosmic Encounter® at Facebook (<a href="http://www.facebook.com/cosmicencounter">http://www.facebook.com/cosmicencounter</a>), author/editor of game rules, box print, ad copy, and web content for Future Pastimes, Eon Products, Eon Software; author editor of web content, ad and sale copy for Maine Quality Information Partners, R&amp;B Partners ,of web content and automation for the Maine Legislature, and websites and web content for non-profit organizations and groups.</p> <p><i>Product Design:</i> board game, and software and web game design for Future Pastimes, wceDesign, Eon Products including two games currently published and one game pending publication by Fantasy Flight Games: Cosmic Encounter® (<a href="http://new.fantasyflightgames.com/edge_minisite_sec.asp?eidm=30&amp;esem=2">http://new.fantasyflightgames.com/edge_minisite_sec.asp?eidm=30&amp;esem=2</a>), Twilight Imperium: REX, Final Days of an Empire (<a href="http://new.fantasyflightgames.com/edge_minisite_sec.asp?eidm=178&amp;esem=2">http://new.fantasyflightgames.com/edge_minisite_sec.asp?eidm=178&amp;esem=2</a>), and Gearworld; database application design for Maine QIP, R&amp;B Partners, Future Pastimes, and various clients.</p> <p><i>Digital Photography, Graphic Layout and Design:</i> photos and book cover designs for wceDesign and wcePublishing; logos, posters and event cards for Collective Freedance and Dancing4Fun; website logos and page design for wceDesign, wcePublishing, and non-profit organizations.</p>
Complete technical resume	<i>Available at:</i> <a href="http://mainequalityinformationpartners.com/wp-content/uploads/2011/01/Bill2011.pdf">http://mainequalityinformationpartners.com/wp-content/uploads/2011/01/Bill2011.pdf</a>