

Joseph Mark Reynolds

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SUMMARY

Software Architect with a passion for full lifecycle development using the latest technology and techniques.

- Developed a C# WinForms .Net\SQL inventory control system (Tubular Data Systems)
 - Developed a C# .Net\SQL SOA-Based receipt generation system (ESP, Inc.)
 - Earned the SQL Server 2008 Developer certification
 - Used C#\Silverlight, RIA Services, and Windows Communication Foundation web services to create an online inventory viewer.
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COMPUTER SKILLS

Languages

- Proficient in: C#, VB6, LINQ (Lamba and Query Expressions), T-SQL, HTML, CSS, AJAX, VBA (Access and Excel), Java, PHP, WinForms, Web Apps, Silverlight, RIA Data Services, WCF
- Familiar with: VB.Net, C++, Perl, LISP, WPF, Python

Software

- Database: Microsoft SQL Server, Microsoft Access, MySQL, Oracle
- OS Platforms: Microsoft Windows® 2000, Microsoft Windows XP, Windows Vista, Windows 7 Beta & RCP, Windows CE 4.x & 5.x
- Development Platforms: Sharepoint 2007, Infopath 2007, Visual Studio 2008
- Reporting Technology: Crystal Reports, SQL Server Reporting Services, Telerik Reporting
- Server Technology: Windows Server 2008 x86 & x64, Windows Server 2003 x86, Ubuntu Linux
- Third-Party Controls: Telerik, ComponentOne, National Instruments

Certifications

- Database: Microsoft Certified SQL 2008 Developer
- General: Microsoft Certified Professional.

Internal Projects

- Conversion of windows workgroup to Windows Server 2008 Active Directory
 - Developed Inventory Reporting system using Silverlight
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EDUCATION

Capella University

2008 – 2009

Distance Learning

- M.S., Information Technology
- Specialization in Software Architecture
- Coursework included Database Architecture, Object Oriented theory and design, Software Engineering, and Enterprise interface design.

Liberty University

2000 - 2003

Lynchburg, VA

- B.S., Psychology
- Specialized in Human Services
- Dean's List 2000-2003
- Academic Honors Scholarship

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SOFTWARE CONTRACTS

Intent Driven Designs, LLC

GoPrint *June 2006 – present* *Information Architect*

Developed a Bulk Mail processing and Postal Bar Coding application for large regional mail pre-sorting and bulk mailing centers. Application is now being marketed, in operation in 2 US facilities.

- Provided documentation for Access-Based iterations of GoPrint Software
- Provided training both remotely and on-site for GoPrint Operators
- Developed database architecture for a C# .Net\SQL Server iteration of GoPrint
- Developed User Interfaces for both Access and C# .Net iterations of GoPrint
- Utilized Crystal Reports for statement printing in all iterations of GoPrint

Online Inventory Reporting *July 2009 – December 2009* *Information Architect*

Developed a Silverlight application which permits users to view existing inventory within a storage facility. This project used RIA data services, Domain Data Services, WCF, and Entity Framework to deliver a rich, desktop-like feel with an online scope.

- Developed a Silverlight-based front end for inventory reporting
- Used Entity framework for data retrieval
- Used Domain Data Services to provide data interaction with the Silverlight forms
- Developed WCF services in C# for added functionality such as email alerts

Mail It Corp

GoPrint Module Development *January 2010 – Present* *Software Developer*

Developed new modules for the GoPrint Statement Processing utility. Gathered requirements from Mail It and client companies for source data. Utilized VB6 for data processing, as Mail It still uses the VB6 GoPrint version.

- Requirements gathering
- Developed VB6 data processing modules
- Developed Crystal-based report templates

Mailshop Report Modifications *February 2010 - Present* *Business Logic Developer*

Developed several new Access reports based on business requirements. Additionally, modified existing reports to include new and updated requirements.

- Requirements gathering
- Access report development
- Used Telerik UI controls

ESP, Inc

eCommerce Application *June 2006 - present* *DBA, Software Developer*

Developed an E-Commerce website providing online purchasing and registrations for seminars, products, and online exam preparation.

- Developed SQL Server database architecture with an ASP.Net C# front-end
- Utilized Crystal Reports for receipt and confirmation generation
- Developed a C# web service application for receipt and confirmation generation
- Provide DBA services for backing up and monitoring the SQL Server
- Provide support for legacy Access front-end at ESP, Inc.

ESP Receipt Generator *January 2010* *Software Developer*

Used agile methods to develop a C#\Crystal receipt program which pulls data from an Access based database, and sends the receipts via email to customers.

- Developed user interface with input from customer and users
- Utilized Telerik Reports and UI components for receipt and confirmation generation
- Developed a C# service application for receipt and confirmation generation
- Provide support for legacy Access front-end at ESP, Inc.

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Complex Actions

Westfield Village CIA

May 2010

Consultant

Developed a credit card processing system using php for Westfield Village CIA.

- Utilized PHP to provide transaction processing
- Utilized javascript client-side form validation
- Worked in tandem with Complex Actions to produce a quality product for their client

GoDirect Mail Marketing

Mailshop to Excel Converter

November 2009

Software Developer

Developed a single-user program to pull specific data from an Access-Based utility and populate an Excel Template.

- Utilized C# .Net with LINQ.
- Developed the user interface with input from the customer and users
- Provided training to utility operators
- Used Telerik UI components

Extended Reports for Smart Meter

October 2009

Software Developer

Developed a single-user program to extend the current functionality of an existing Crystal report.

- Utilized C# .Net with LINQ.
- Developed the user interface with input from the customer and users
- Added additional search criteria for filtering data.
- Used Telerik UI components

GoPrint Saturation Utility

January – December 2007

Q. A. and Documentation

Developed a single-user program to manage bulk-mail saturation mailing and Post Office reporting.

- Utilized Access 2007 as the platform for the utility
- Performed integration testing to ensure software quality
- Provided training to utility operators

Scan Systems, Corp

Tubular Data Systems

June 2007 – June 2009

Information Architect

Developed and Implemented an Oil Country Tubular Goods (OCTG) Pipe Yard Management software. Project provides small, medium, and large companies with up to the minute inventory, traffic, and invoicing information.

- Developed an inventory control system utilizing C# and SQL Server 2008
- Developed SQL Server Stored Procedures for database management
- Developed Crystal Reports for inventory tracking and reporting
- Developed the user interface using ComponentOne controls
- Used LINQ to Entity Framework to manage many of the database functions

Portable Data Logger

June 2006 – February 2007

Testing and Documentation

Developed a portable data accumulation application hosted on Symbol and PSion hand held computer for Oil Country Tubular Goods (OCTG) data acquisition, logging, and reporting. Application installed in 2 Houston area facilities.

- Utilized MS Word 2003 to write a user's manual documenting all of the functions of the Portable Data Logger (PDL)
- Performed unit testing and integration testing to ensure software quality
- Developed technique for rapid deployment to new PDL units
- Deployed software to Windows CE 4 and 5 units.