

Richard C Reid
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Highly motivated individual seeks opportunities to assist companies in need of a vision, strategy, solution architect, software or database developer, or DBA. I am a leader with extensive experience creating strategic vision, designing solutions, developing software, creating and maintaining databases, and managing product life cycle. I possess a unique ability to work with companies to transform an idea into a viable product.

Qualifications

- Architecture and design experience on multiple Enterprise class applications.
- Over 10 years of professional development experience across multiple languages and platforms.
- Exceptional skills in object oriented design coupled with the ability to write highly durable and extensible software frameworks.
- Equally versed in web, windows, application server, and database development.
- Excellence in crafting sophisticated and complex user interfaces, both web and windows.
- The ability to create high performance data and application server engines.
- Complete and thorough understanding of C# and .NET since the days of the .NET beta.
- Extensive leadership and mentoring experience gained through numerous challenging and exciting projects.
- Extensive management experience developed while building a development and technical support team of nearly 300 in 5 states as a senior level Director for a Fortune 1000 company.
- The ability to manage projects through the entire software life cycle, from requirements gathering to production roll out and maintenance.

Skills:

Languages:	C# (1.x – 3.5), VB 6, Perl, Objective-C
UI:	Windows Forms, some WPF / XAML
Web:	HTML, XML, CSS, JavaScript, VBScript, Ajax, RSS, ASP.NET, Knowledge of Silverlight.
DB:	SQL, Data Modeling, SQL Server (7.0, 2000, 2005, 2008), ADO.NET, ODBC, PostgreSQL, SQLite, DTS, SSIS (some), knowledge of LINQ, extensive ETL (Export, Transform, Load) experience
Communications:	TCP/IP, UDP, .NET Remoting, JSON, RPC, and DCOM, Asterisk.
Components:	XML Web Services, COM, COM+, OLE, ActiveX, and n-Tier System Design, SOA
Other:	Object Oriented Design and Development, Service Oriented Architecture, Framework design and construction, Design Patterns, Regular Expressions, and Multi-threading.
Tools:	Visual Studio.NET (through 2008), Developer Studio, Subversion, Star Team, Office, Project, Visio, SQL Reporting.
Platforms:	Windows Server 2000, 2003, 2008, Windows NT/2000/XP/Vista, Windows 3.1/95/ME, Unix (Irix), Linux Server (Debian, Ubuntu), Linux Desktop (Ubuntu)

Education:

- University of the South (Sewanee), 1993: Bachelor of Arts
- Reynolds University: Advanced Sales Training
- George Washington University: Project Management Training
- Reynolds University: Leadership Training
- National Bank of Detroit: Management Training
- Real Estate School Online: Florida Real Estate Training (Licensed Broker)
- Georgia Institute of Real Estate: Georgia Real Estate Training (Licensed Broker)

Vertical Market Key Knowledge Areas:

- Automotive (Retail & Finance)
- Real Estate (Residential & Commercial)
- Banking (Retail, Automotive Finance, Mortgage)
- Health Care (Training)

Project Experience (partial):

Direct Link Realty

Real Estate Listings Update Engine

July 2009 – Present

Sr. Developer

Skills Used: C#, FTP, SQL Server, ETL, SSIS, ADO.Net

Description: Gather daily ftp files from listing service, cleanse and transform the data, and update a proprietary real estate data engine.

- Defined project
- Analyzed data and transformation requirements
- Assessed new ETL tools available with SSIS
- Implementing automated data services

eMarket Assistant

Request & Vequest (Silent Salesman)

August 2007 to Present

Senior Developer / Architect / DBA

Skills Used: ASP.NET, Ajax, C#, SQL Server, SQL, Data Modeling, ADO.NET, XML, n-Tier design, HTML, Javascript, Cascading Style Sheets, Web Services, SQL Reporting, Asterisk, Perl, PostreSQL, AGI., ETL, SOA

Description: Allows consumers to access purchase price and payments for vehicles & homes via their cell phone, text message, and mobile browsers.

- Developed product concept
- Architect for Automotive Product
- Co-architect for Real Estate Product
- Sr. Developer for both products
- Designed and developed user interfaces
- Designed and manage databases
- Developed an object orientated component communication and event system.
- Developed web services to improve application usability and interaction.
- Worked with graphics and design team to design a next generation, highly interactive web interface.
- Ongoing support of system as database administrator (DBA)
 - Daily Data acquisition from Auto Dealer Systems
 - Maintenance of data cleansing utilities (ETL)
 - Ensure system up time
 - Facilitate backups and maintain recovery strategy
 - Troubleshoot any data or job issues

- Maintain web services interfaces
- Create & Maintain Stored Procedures
- Performance Tuning and Optimization

Newport Shores Mortgage **Mortgage Prospect Automation**

January 2007 to August 2007

Sr. Developer

Skills Used: C#, Windows Forms (WinForms), ETL, ASP.Net

Description: Screen scrape data from a mortgage web application, cleanse, transform, and generate Excel spreadsheet for mortgage company.

- Gathered Customer Requirements
- Designed solution
- Created WinForm allowing the customer to
 - Set the parameters for the current search
 - Administer polling criteria
 - Monitor Status
 - Modify spreadsheet definitions
 - Start and Stop data acquisition
- Tested Product
- Packaged Application
- Installed and trained users
- Worked with internal and external teams to ensure product met expectations and arrived on budget

Checklist Technologies

Aviation Checklist Designer & Simulator

January 2004 to December 2006

Project Manager & Software Developer

Skills Used: General Architecture, Project Management, Sales, C#, WinForms

Description: Automated checklist for pilots to aid in training.

- Gathered Customer Requirements
- Assisted in design and feature definition
- Identified various key failure points related to production issues in the system.
- Created Product Requirement documentation
- Worked with internal and external teams to ensure product met expectations and arrived on budget
- Assisted in object oriented design and development of WinForms Application
 - Tabbed WinForm set facilitating
 - Checklist Creation
 - Checklist tasks
 - Timers for tasks
 - Task hierarchy and association
 - Categorizing tasks
 - Relating Tasks and Categories by phase
 - WinForm simulator of hardware device
 - Creates a visual and auditory training experience for pilots to ensure checklist accuracy and facilitate training outside the aircraft.

Direct Link Realty

Real Estate Search Engine

August 2005 to Present

Senior Developer / Database Architect / DBA

Skills Used: ASP.NET, C#, SQL Server, SQL, Data Modeling, ADO.NET, XML, n-Tier design, HTML, Javascript, Cascading Style Sheets, FTP, DTS, ETL.

Description: Design, build, and implement a unique real estate website and search engine

- Created a data entry database for flat file migration and cleansing
- Wrote data migration automation software (FTP flat files, stage, cleanse, and promote)

- Designed database for live system
- Architected n-tier software design
- Created dynamic query engine
- Conducted detailed and critical analysis of the application's performance and memory utilization.
- Optimized database and query performance
- Ongoing support of system as database administrator (DBA)
 - Monthly data updates
 - Maintenance of data cleansing utilities (ETL)
 - Ensure system up time
 - Facilitate backups and maintain recovery strategy
 - Troubleshoot any data or job issues
 - Create & Maintain Stored Procedures
 - Performance Tuning and Optimization

Direct Link Realty

Real Estate Listings Update Engine

August 2005 – October 2005

Sr. Developer

Skills Used: C#, FTP, SQL Server, ETL, WinForms, Windows Console Application, ADO.Net

Description: Gather daily ftp files from listing service, cleanse and transform the data, and update a proprietary real estate data engine.

- Defined project
- Analyzed data and transformation requirements
- Created a WinForms application for selective source and component migration options
- Created a WinForms application for support, troubleshooting, and monitoring of data migration
- Created a Console application to run automatically in the background

Hennessy Lexus, Hennessy Honda, Hennessy Porsche

Customer Relationship Management (CRM)

April 2001 to Present

Developer / Database Architect / DBA / Project Manager

Skills Used: VB, ASP, XML, SQL Server, SQL, Data Modeling, ADO, n-Tier design, COM+, HTML, Javascript, C++, C, ETL.

Description: Architect and framework builder for an enterprise web-based customer relationship management system.

- Responsible for all architecture and technical decisions for a challenging startup environment.
- Architected and built frameworks for a three tier, high availability, critical application.
- Designed and built a cutting edge business object server with dynamic database binding.
- Created a custom communications engine, based on XML, for application server communications.
- Created a web page infrastructure with built in navigation, error, and security frameworks.
- Played a critical leadership role in management of a full life cycle development effort under an aggressive schedule.
- Trained and mentored team in proper development techniques and methodologies
- Trained customers
- Ongoing support of system as database administrator (DBA)
 - Daily data acquisition from proprietary Unix system
 - Maintenance of data cleansing utilities (ETL)
 - Ensure system up time
 - Facilitate backups and maintain recovery strategy
 - Monitor hundreds of database jobs running daily
 - Troubleshoot any data or job issues
 - Create & Maintain Stored Procedures
 - Performance Tuning and Optimization

Custom Code Creations

Custom Email Marketing Tool

February 2001 – March 2001

Developer, Project Manager

Skills Used: VB6, SQL Server, IIS, HTML, XML, CSS, COM+

Description: Create a web application for real estate agents to build a custom electronic flyer and facilitate distribution to all agents within a defined market area.

- Gathered Customer Requirements
- Assisted in design and feature definition
- Co-architect
- Developed Application & Database
- Worked with internal and external teams to ensure product met expectations and arrived on budget

Reynolds & Reynolds

Electronic Forms Automation

January 1998 to January 2001

Director of Product Management & Development

Skills Used: General Architecture, Database Architecture, Project Management, Management, Leadership.

Description: Develop a forms and financial calculations warehouse and distribution system to support more than 7000 automotive dealerships and in excess of 3000 financial institutions.

- Created vision and set organizational road map
- Hired and assembled development team
- Created cross-functional relationships with sales, marketing, finance, and support teams
- Worked with team and customers to ensure product viability
- Assisted development team with product architecture and general design (clustered SQL Server)
- Gained executive approval
- Completed project within the budget, and with better than expected financial results