

# Matthew McGee

## Technical Architect - Razorfish

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Matthew-McGee/dc415218c712e252](https://www.indeed.com/r/Matthew-McGee/dc415218c712e252)

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Data Warehouse Engineer

Continuum Health Alliance - Marlton, NJ - October 2015 to Present

##### Responsibilities

Responsible for analysis, design, and implementation of clinical and claims data flows with emphasis on advanced care organizations and population health management.

Specifically, I created Applications and automated processes using Visual Studio 2015, C# and SQL Server tools.

Used Visual Studio, SSIS, SSAS, SSRS, TFS to migrate a shared development server to a full featured continuous integration environment including full process instrumentation.

Used SQL Data Tools to create Kimball lifecycle patterned data warehouses.

Created and maintained several data pipelines, outbound feeds, reports and cubes.

#### Consultant

Independent Professional Services - Norristown, PA - August 2014 to September 2015

##### Responsibilities

Responsible for analysis, design, and implementation of BI dashboards and backend artifacts

Used C#, ASP.Net MVC, WEB API, Angularjs to build dashboards

Used SQL Server, SSIS and Tableau to create data marts

Data formats; EDI, XML, EXCEL, CSV, TXT, Oracle and SQL Server

Used JIRA, Scrum, GIT, Jenkins, MS Office, Skype in daily workflow

#### Consultant

Global Healthcare Exchange - Louisville, CO - January 2014 to June 2014

##### Responsibilities

Created Web based Applications and Dashboards used to make purchasing decisions.

Responsible for design and implementation of business intelligence applications

Used Visual Studio, Asp.Net, AJAX, JavaScript, Telerik controls and Microstrategy on the front end

Used Entity Framework 6 to access Oracle databases

Used Toad to create Tables, Procedures and other database artifacts

Used .Net Test framework and HP Quick Test Pro for automated testing

Used Rally for AGILE/SCRUM/CAN BAN management

#### Technical Architect

Razorfish - Philadelphia, PA - May 2008 to October 2013

Created cloud based business intelligence systems used to optimize client marketing.

Responsible for analysis, design, implementation and maintenance of various systems

Primarily used Microsoft servers and tools

Collected requirements and defined functional specifications

Designed solution and created implementation tasks

Utilized Agile and SCRUM to drive implementation  
Technically lead on and offshore teams; implementation, testing, deployment, support and operations  
Designed Web analytics data warehouses  
Designed ETL systems for large databases  
Created and supported various ASP.Net applications  
Created a metadata driven Database factory that created Data Warehouses  
Created metadata driven package factory that created ETLs  
Created metadata driven Analytics factory that created Cubes  
Integrated applications and data feeds supporting SEO and Web Analytics  
Created SharePoint applications  
Implemented a SQL based rules engine that eliminated significant code and increased scalability  
Replaced numerous manual operations with automated workflows and ETL processes.  
Optimized architectures, processes, databases and programs to reduce cost and improve efficiency  
Instrumented numerous applications and data flows to enable monitoring and fault recovery

### **Consultant**

Hill International - Marlton, NJ - January 2008 to May 2008

Responsible for the design and implementation of SharePoint based system  
Built Workflows Using Windows Workflow Foundation (WWF) and Visual Studio  
Designed and implemented ASP.Net, C# application for data collection and import  
Built SharePoint applications using SharePoint Designer  
Built Custom Fields for SharePoint using Visual Studio, C#  
Integrated SQL Server data via SharePoint's Business Data catalog (BDC)  
Installed and configured SQL Server  
Installed and configured SharePoint

### **Consultant**

Lockheed Martin - Cherry Hill, NJ - January 2007 to December 2007

Responsible for Design and implementation of internal system  
Developed ASP.Net application using Visual Studio .Net, C#  
Developed packages and stored procedures using Oracle  
Developed Web parts in C# for SharePoint  
Utilized Web Services, AJAX, and Infragistics controls  
Utilized Microsoft Application blocks for Exception Handling

### **Senior Developer**

Popular Financial Holdings - Marlton, NJ - October 2005 to January 2007

Responsible for analysis, design and implementation of internal applications  
Participated in several projects as technical analyst and designer  
Participated as team lead on various projects  
Installed and configured SharePoint Portal Server  
Participated in MS Share Point implementation  
Integrated InfoPath MSMQ into SharePoint  
Built several Visual Studio .Net, C# Applications  
Migrated applications to Visual studio .Net, C#  
Re-Factored several applications into SOA, using .Net, C#, and web services  
Utilized Microsoft Application Blocks for configuration, security and Error handling  
Utilized Windows Workflow Foundation  
Successfully completed SQL Server training

## **Technical Lead**

Omicron Consulting - Philadelphia, PA - July 2004 to October 2005

Responsible for analysis, design and implementation of various client's systems  
Developed use cases, object models, data models and sequence diagrams using Visio  
Developed various user interfaces and web services using Asp.net, Infragistics components and C#  
Developed stored procedures, functions, and triggers for SQL Server 2000 and Oracle  
Integrated ASP.Net applications with Share Point  
Created Web Parts for share point using Visual studio, c#  
Created reports using Crystal Reports and Oracle  
Installed and configured Windows 2003, IIS, SQL Server, Share point

## **Consultant**

Tripod Technologies - Cherry Hill, NJ - May 2004 to July 2004

Responsible for design and implementation of a Broker Management System prototype  
The prototype served as the Architecture pattern for completion by offshore development team.  
Developed User Interfaces in ASP.Net and C#  
Developed web Services using C#  
Developed stored procedures in SQL Server  
Produced Pattern documentation and step-by-step instructions for implementers  
Installed and configured Windows, Active Directory, IIS, SQL Server, Share point

## **Sr. Web Developer**

Equity One - Marlton, NJ - June 2002 to May 2004

Responsible for new and existing applications  
Technical Lead on several projects, Technical Resource on several others  
Performed Use Case analysis and design  
Developed several systems based on Windows  
Developed applications in .NET with C#, VB.NET, and ASP.NET  
Installed and configured Windows, IIS, SQL Server, Share Point  
Developed Custom Web Parts in Visual Studio  
Developed Databases, Stored Procedures, and Triggers in SQL Server  
Performed design and code reviews  
Performed configuration management  
Developed Standards for Design, Coding and Documentation

## **Project Leader (Consultant)**

Controlled Access - Moorestown, NJ - July 2000 to April 2002

Responsible for full life cycle of a suite of applications  
Built and mentored the development team.  
Performed Use Case analysis and design using Visio and Rational Rose  
Developed applications with Microsoft Visual Studio  
Operating system: Windows. Database: Oracle 8i.  
Developed middle tier with Visual Basic, ADO, ASP and COM/COM+.  
Developed browser based applications with ASP, HTML/CSS XML/XSL  
Developed stand-alone applications with Visual Basic and C++  
Designed database, developed triggers, stored procedures, and packages using PL/SQL  
Developed reports using Crystal Reports  
Performed design and code reviews  
Performed configuration management

Developed test plans and test procedures  
Developed and delivered presentations

### **Consultant**

Assessment Systems Inc - Cynwyd, Pa, US - January 1999 to July 2000

Responsible for design, implementation, and maintenance of several applications  
Mentored developers  
Designed system using Visio, Rational Rose and ERWin  
Operating Systems were Windows. The database was Oracle.  
Developed applications with Microsoft Visual Studio  
Developed Middle tier with Visual Basic, ADO, ASP, COM and MTS  
Developed applications with visual basic, HTML/CSS, VBScript and JavaScript  
Designed database, developed stored procedures and packages using PL/SQL  
Developed test plans and procedures  
Performed design and code reviews  
Developed reports using Crystal Reports for the web

### **Consultant**

CIGNA - Philadelphia, PA - June 1998 to January 1999

Responsible for design and implementation of Insurance application subsystems  
Primary design tools were Rational Rose and ERWin.  
Operating Systems were Windows 98 and NT. The database was MS-SQL Server.  
Developed applications using Visual Basic, SQL, HTML, ASP, VBScript, JavaScript, and MTS  
Developed data model, stored procedures and triggers using Enterprise Manager

### **Project Leader Admiral Insurance (Full Time employee)**

Cherry Hill, NJ - May 1996 to May 1998

Responsible for full life cycle of a suite of Insurance Applications  
Performed analysis and design using CRC modeling  
The Operating Systems were Windows. The Database was Oracle  
Developed applications using C++, Delphi and JAVA and COM  
Developed stored procedures and triggers using PL/SQL  
Developed test plans and test procedures  
Performed design and code reviews  
Performed Automated testing using Rational Test

### **Consultant**

ARMS / ACSIS Inc - Cherry Hill, NJ - January 1993 to May 1996

Project leader on several projects  
Built managed and mentored several development teams  
Languages were C++, Visual Basic and SQL.  
Databases were Oracle, MS-SQL Server, Access, and DB2  
Developed wireless interfaces into various systems  
Designed and implemented Transaction Management Systems  
Developed Mortgage Application  
Designed databases, developed stored procedures and triggers  
Developed reports using Crystal Reports

### **Software Engineer**

US Sprint - Mount Laurel, NJ - September 1984 to January 1993

Served on many projects including:

Developed Desktop applications

Miscellaneous data entry systems

Workflow and asset tracking system

Inventory management System

Firmware development and maintenance

LAN and WAN design and maintenance

Operating systems were Windows, MAC, UNIX and MS-DOS

## EDUCATION

### **Electrical and Computer Engineering**

Drexel University - Philadelphia, PA

1984 to 1989

### **Electronics Engineering Technology**

RETS Electronics School - Broomall, PA

1982 to 1983

## ADDITIONAL INFORMATION

Over twenty years of experience developing enterprise class software and databases. Areas of expertise include; analysis, design, implementation and team leadership using proven methodologies and patterns. Technologically focused on, but not limited to, Microsoft servers and tools.