

Matthew William Cook

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Professional Summary

I have close to eight years of experience as an application developer/consultant along with skills and advanced education in project management. A majority of my development experience is based around, but not limited to, Microsoft-specific Technologies. Through recent graduate studies and past experience, I have gained exposure to all elements of the SDLC and various development methodologies. My most recent activities have included .NET 3.5 development, deployment automation with MSBuild, and TDD using dependency injection patterns.

Career Objectives

I strive to better myself and the people around me on a daily basis. I enjoy being challenged, working within a team, and learning new things. I am creative, analytical, a problem solver, goal oriented and have the desire to lead, grow, and succeed. I am dedicated to technology and see it being a part of my life for many years to come.

Primary Skills

Web:	ASP.NET, AJAX, ASP, other related technologies
Languages:	C#, VB.Net, VB, T-SQL, XML
Databases:	SQL Server (all versions), Access, MySQL
Technologies:	MSMQ, Web Services, .NET 2.0/3.5
Development & Deployment:	Visual Studio (all), FxCop, NUnit, NDoc, Rhino Mocks, Subversion, MSBuild, VSS, SQL Analyzer, SQL Profiler, Red Gate for SQL Server, Toad for SQL Server, Beyond Compare, ReSharper, GhostDoc
Design:	UML
Management:	MS Project, BugZilla

Education

Master of Science in Business Information Technology - DePaul University (2007)
Bachelor of Science in Computer Science – Valparaiso University (2000)

Work History

April 2006 to Present: Chicago Bears Football Club
March 2007 to Present: Condominium Enterprises
December 2002 to April 2006: LTD Commodities, LLC
May 2000 to December 2002: Professional Consulting Services, Inc

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Related Experience

Manager of Information Systems (April 2006 to Present)

Chicago Bears Football Club – Lake Forest, IL

Responsibilities: Analysis, Design, Development, Technical Support

- **Visual Basic to C#.NET Windows Application Conversion**
 - Data entry application conversion from VB to C#.NET (.NET 3.5). Existing MSDE database conversion to SQL Express.
 - *Technologies*
 - .NET 3.5, LINQ, XML Serializer, TDD (Dependency Injection, Rhino Mocks, GhostDoc). Enterprise Library (Validation, Data, Logging, Exception). MSBuild Deployment Automation. SQL Server 2000, SQL Express 2005. ClickOnce
- **Media Player C# & VB.Net Windows Application**
 - .NET 2.0 Windows Application for interacting with video/database; integrated with Classic ASP web application
 - *Technologies*
 - .NET 2.0, ASP, Updater Application Block, XML. SQL 2005
- **XML Data Transfer**
 - .NET 2.0 Window Application. Read/Write XML Data Transfer/Communication with Vender Software. SQL Server Integration. Leverages multiple application blocks.
- **Application Development, Maintenance, and Support** (Current)
 - Responsible for the conversion of various applications from Classic ASP and VB to .NET. Developed reusable components for use during and after the conversions; utilizing various application blocks. Reviewed and rewrote multiple applications in order to simplify support and maintenance while also removing erroneous code. Created documentation on various applications both in regards to functionality and design.
 - *Technologies*
 - .NET (C#/ADO/ASP), SQL (2005/2000), MS Access, MSDE, VB, Classic ASP, Microsoft Application Blocks, Windows Server 2003, Visual Studio 2005, NUnit, FXCop.
- **ChicagoBears.com Content Management** (Sept 2006 – Dec 2006)
 - Responsible for the management of content on the ChicagoBears.com website during a period of employee transition.

Consultant (March 2007 to Present)

Condominium Enterprises (www.chicagocondosonline.com)

Responsibilities: Analysis, Design, Development, Support

- MSBuild Deployment Automation
- Test Driven Development (Dependency Injection)
- Model View Presenter (MVP), Singleton, Decorator Design Patterns
- Miscellaneous Application-Wide Enhancements; Conversion of inline SQL to stored procedures, migration from relatively flat architecture to a more object oriented design with a focus on code reuse and performance.
- WCF Web Service – Data and Image Transmission, Image Watermarking, Digital Signatures, Certification

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- .NET 1.1 Website to .NET 2.0 Web Application Conversion
- Enterprise Level Re-Design/Development: Multi-Tier - Application Blocks, UI, Process Components, Service Interface, Business Objects, Data Access, etc, SQL Server 2005 backend.

Technical Lead / Senior Developer (December 2002 to April 2006)

LTD Commodities, LLC – Bannockburn, IL

Responsibilities: Management, Analysis, Design, Development, Training and Support

- **Warehouse Sortation and Process Workflow** (Nov 2003 – April 2006):
 - Responsible for leading a team of developers and coordinating development efforts throughout the entire project lifecycle. Successful delivery of a complete warehouse management system built on .NET technologies in conjunction with various warehouse-related hardware vendors. The system handles over 100 continuous users, the movement of product throughout the warehouse, and the fulfillment of thousands of customer shipments over the course of each business day. Current efforts include the coordination, development and implementation of enhancement requests and updates in the production environment.
 - *Technologies:*
 - .NET (C#/VB/ASP), Web Services, XML, MSMQ, SQL Server 2000, MS Server 2003, Windows Server 2003, and Unisys (Open TI).
- **Order Processing Application Workflow** (Dec 2002 – Nov 2003):
 - Worked on a team of 2 developers in order to create an Automated Order Processing System. Successful delivery of custom applications integrated with 3rd party Scanning and Character Recognition Technologies and the companies Mainframe to create a paperless and automated Order Processing System.
 - *Technologies:*
 - VB 6.0, SQL Server 2000, and various 3rd party systems including Data Technologies' ImageMan, NCS' ACCRA Image Recognition Software and Kleindienst Image Scanning Systems.

Developer/Analyst (May 2000 – December 2002)

Professional Consulting Services, Inc. – Chicago, IL

Responsibilities: Analysis, Design, Development, and Support

Projects and Technologies:

- Internet Based Learning Application (VB, Classic ASP, Windows Media, SQL Server)
- Sybase ASE to Oracle 9i and Sybase ASE to UDB DB2 proof of concept migrations
- Remote Device Polling Application (VB, SQL)
- SSL Implementation
- Site Server Implementation (HTML, JS, ASP, VB, SQL)
- Content Management Website (SQL, VB, ASP, COM, Novarra)
- Data Warehousing and Content Management pre-sale prototypes (SQL, Analysis Services, ASP)
- Corporate Marketing Website Design and Search Engine Placement (ASP, HTML, Flash, SQL, Web Position Gold)

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