

# RYAN BUTLER

## AREAS OF EXPERTISE

**WEB DEVELOPMENT**

**DATABASE MANAGEMENT**

**PROGRAMMING**

### Professional Profile

Creative team player who works well with technical and non-technical staff. Extensive work experience with design, development, testing, implementation and post-implementation of web-based applications. Excellent technical skills and effective written and verbal communication skills proven by project management.

### Professional Summary

Proficient web application developer with 3 years experience in PHP & MySQL and 2 years experience with .NET, C#, ASP.NET, WPF and MS SQL Server with a combined 6 years of experience in development or testing of applications.

### Technical Skills

- Software: Adobe Creative Suite, MS Visual Studio, Quick Test Professional, MS SQL Server, MySQL, MS Office
- Languages: HTML, CSS, JavaScript, VB.NET, C#.NET, ASP.NET, PHP, SQL
- Web Servers: MS Windows, Linux

### Employment History

**Software Engineer**  
McKesson Corporation

April 2009-Present  
Springfield, MO

Primary role has been in an emphasis of programming & automated testing. Designed & developed enhancements to existing in-house application developed in C#, WPF & MS SQL database. Used in-house application to create Quick Test Professional automated scripts used in Quality Center for use in automated and regression testing. Worked with other engineers and testers to ensure quality of product releases.

#### *Accomplishments:*

- Designed and wrote additional product support requests for in-house test script generation application
- Created 90 + manual test scripts later used in automated scripts
- Created and ran 90 + automated test scripts used in automation and regression testing
- Created and ran broad level automated test scripts to ensure cross functional behavior between legacy and next generation systems
- Participated in system performance testing of various commercial products
- Maintained two virtual environments used in testing of next generation products

### Adjunct Computer Information Science Instructor

Ozarks Technical Community College

August 2009 - Present  
Springfield, MO

Responsible for creating, maintaining and exhibiting a positive class room environment while teaching various topics including: HTML, CSS, accessibility and usability and its relation to web development concepts. Worked in conjunction with other adjunct instructors to achieve departmental objectives related to the needs of the community college.

#### *Accomplishments:*

- Created and distributed class syllabus for CIS 130 seated course
- Maintained regular communication with students regarding timeline of semester and course work

- Created and distributed periodic evaluations to seated course to ensure objectives were met for course

**Freelance Writer**  
Quin Street, Inc

January 2008 - Present

Responsible for creating, and demonstrating various concepts in web development using a step-by-step approach for readers of WebReference.com. Worked with editors to ensure deadlines for submissions were met.

*Accomplishments:*

- Created, demonstrated, and published "[How to Create a Search Feature with PHP and MySQL](#)"
- Created, demonstrated, and published "[Creating a ASP.NET Contact Form](#)"
- Created, demonstrated, and published "[Sending an HTML and Plain Text E-newsletter with ASP.NET](#)"
- Created, demonstrated, and published "[Sending an HTML and Plain Text E-newsletter with ASP.NET, Part 2](#)"
- Created, demonstrated, and published "[Create an E-newsletter Signup System with ASP.NET](#)"
- Created, demonstrated, and published "[Create a Help Desk Web Application Using ASP.NET](#)"

**Student Web Programmer**

Missouri State University

January 2008-December 2008  
Springfield, MO

Designed & developed web-based, database-driven applications written in ASP.NET (C#) connecting to Microsoft SQL Server databases under Windows. Worked in conjunction with student web developers to achieve departmental objectives related to various web application projects.

*Accomplishments:*

- Designed and wrote "Spotlight" testimonial front and administrative system using ASP.NET & SQL Server.
- Created and wrote an "Email All Contacts" web form for University communications using ASP.NET & SQL Server.
- Converted "Bear Talk" newsletter from PDF to XHTML/CSS newsletter and wrote corresponding ASP.NET script to send to multiple recipients.
- Converted "Where the Wilson Meets the James" from PDF to XHTML/CSS website with JavaScript pop-image script for dynamic gallery.
- Converted "HighEdWeb" newsletter from Word document to XHTML/CSS web page and wrote corresponding ASP.NET script to send to a listserv.
- Created and wrote Alumni event web form to sync with an existing public calendar event using ASP.NET & SQL Server.
- Created and wrote student work study clearance web application using ASP & SQL Server.
- Created and wrote "Trivia Night" front and administrative site application that integrated credit card processing.

**Web Development Technician**

Ozarks Technical Community College

2004-2007  
Springfield, MO

Designed & developed web-based, database-driven applications written in PHP connecting to MySQL databases under Linux. Administration and support for Content Management System. Coordinated with other academic areas regarding website branding, marketing, and recruitment efforts. Conducted work shops and training regarding web topics for different areas of the college.

*Accomplishments:*

- Designed and developed web-based marketing and recruitment application, Explore OTC
- Designed and developed web-based database-driven Intranet using PHP and MySQL

- Led effort to improve search engine optimization (SEO) for website
- Researched, tested, branded and implemented search engine to improve quality of search results
- Researched, tested, branded and implemented event calendar management system
- Branded, tested and coordinated password management system with other IT areas
- Designed and developed online application for admission which automated student admission process using PHP and MySQL

### **Education**

Bachelor of Applied Science      Missouri State University      Springfield, MO    2008  
**Technology Management**

Associate of Arts      Ozarks Technical Community College      Springfield, MO    2006

Associate of Applied Science      Ozarks Technical Community College      Springfield, MO    2004  
**Internet Application Development**

### **Education Honors**

Dean's List    3.8 GPA