

Zackary Lowery

740.412.3666 - zlowery@xcjs.com

System Architecture and Web Development

A passionate .NET and web developer who is driven to write quality projects through maintainable architecture and wishes to maintain and extend an ever-growing skill set.

Professional Experience and Technical Skills

Senior Application Developer at Modern Medical

October 2014 – Current

TruData

EDI with SSIS and ETL tables with support for HIPAA claim document processing for the 277, 835, and 999 forms. (SQL Server 2008, Altova MapForce)

BuckeyeUI

SPA web application used by multiple organizations in our organizational hierarchy to manage insurance cases through tasking. (Angular 1.4, ASP.NET Web API)

Other Responsibilities

Responsible for supporting and updating other production web applications named VeroSuite and TruCase, occasional mobile application development on TruMobile, and created data-driven reports for TruSight (ASP.NET WebForms, Objective-C on iOS, and SSRS on SQL Server 2008)

.NET/Web Developer at BookDogBooks, LLC

December 2013 – October 2014

TextbookRush.com

Performed maintenance and development of new features on the web store built on top of a complex N-Tier architecture. Many background services and integration with third party web services are crucial to the operation of the site. I also developed and was responsible for the branching and merging strategies of the project. (ASP.NET WebForms, jQuery, object-oriented JavaScript, Ninject, object mapping, MVVM architecture, TFS 2010)

Core Apps and Services

Positions occasionally as core application developer to work on background services or core features of the internal library to share functionality across other intellectual properties and applications rather than isolate functionality to one project alone. (C#, .NET 4.0, CSLA 2.0, MSMQ)

.NET/Web Developer at Vectra

March 2011 – December 2013

System Integration

Linked the Accounting/ERP system (EFI Monarch) with a logistics solution (Manhattan SCALE) through internal APIs built on top of the application databases. Data mapping and object factories aided in the development. (C#, Entity Framework, LINQ, Dapper, SQL Server 2005)

Vectra Web Store

The Vectra Web Store allowed Vectra's clients to order both customizable and static marketing prints. Clients with multiple physical locations were able to build a marketing profile through an online survey documenting the layout of each location. (ASP.NET WebForms, jQuery, jQuery UI, CSS 2, CSS 3, object-oriented JavaScript, SOAP and REST integration with backend and third party services)

WinOE (CRM Application)

The CRM application allowed customer service to place orders on behalf of customers and perform basic site administration of the web store where required. (.NET ClickOnce WinForm application, Telerik WinForm controls)

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PCI Compliance

Developed the core library used for our credit card record keeping and ensuring that all card data was encrypted. This project also included a web application used by customer service to manage card numbers. (ASP.NET, C#, SQL Server 2005, SOAP service with key management)

ICSXML Parser

A Windows service created using FileSystemWatcher to capture XML files as they were created by other subsidiaries in a server share. (C#/.NET 4.0)

Profile Manager

The Profile Manager was used internally to build customized marketing kits based on the information provided by the web store surveys. Users were able to build marketing promotions with customizable regions and items. (ASP.NET MVC 3 with Razor, CSS 2, CSS 3, jQuery, jQuery AJAX Form plugin, object-oriented JavaScript)

DevOps Responsibilities

Managed porting all projects to source control and keeping the repositories clean, building deployment solutions for most projects to be installed remotely. Introducing organized logging was also included in my responsibilities. (Subversion, msdeploy, NSIS, PowerShell, Batch scripting, NuGet, log4net)

Web Developer at Work Personality

March 2009 – March 2011

A web application developed offering various team coaching and personality assessment services to businesses and education institutions. (XHTML, CSS 2, JavaScript and jQuery, Linux, Apache 2.2, MySQL, PHP 5.2, LimeSurvey, CubeCart)

Web Developer at Signature Control Systems

January 2009 – March 2010

I performed integration work on their POS and RMA system with their company web site to replace a legacy system that could no longer process additional service requests. (Windward POS system, XHTML, CSS 2, JavaScript and jQuery, CentOS 5, VMWare server, MySQL, PHP 5.2)

Web Developer at Shannon Lee Photography

November 2008 – February 2009

An early project assigned as a student working for a small startup photography company. The team and I created a portfolio web site with a media-focused content management system that could be managed by a non-technical operator. (XHTML, CSS 2, JavaScript and jQuery, Linux, Apache 2.2, MySQL, PHP 5.2)

Tutor and .NET/Web Developer at DeVry University ARC

Early 2007 – December 2008

Granted early experience through a student job managing an appointment scheduling web application alongside tutoring other students. During my tutoring sessions, I shared my passion for technology and east-to-follow solutions. (ASP.NET 2.0 WebForms, C#, Porting database from Access to SQL Server 2005)

Personal Projects (<https://github.com/xcjs>)

Current and Ongoing

- **CourierChat** (Realtime chat built with Sails.js framework on top of Node.js and Redis – supports Vagrant)
- **Elevator-Saga-Solution** (Personal solution to a load balancing exercise with elevators and JavaScript)
- **Workstation Provision** (Personal scripts for workstation provisioning to ease transitions to new hardware)

Education

DeVry University
1350 Alum Creek Drive Columbus, OH 43209-2705
Bachelor of Science in Computer Information Systems
GPA: 3.43/4.0

Graduated March 2009