

# Chas Allred

## Lead Web Developer / UX Analyst

### TECHNICAL SUMMARY

- 20 years of experience building enterprise web applications across a variety of industries including financial, health care, real estate, manufacturing and software.
- Extensive work experience using the Software Development Life Cycle (SDLC) as well as Object Oriented Analysis and Design (OOAD)
- Expert level programming skills in the Microsoft .NET framework as well as C#, SQL, HTML5, CSS, jQuery and Ajax
- Involved in troubleshooting cross browser issues as well as mobile platforms
- Expertise in SQL Server 2012 including database design, writing stored procedures, user defined functions and views.
- Experience working with several third party tools such as Telerik, .NET Charting, Ajax Control Toolkit, ABCpdf, Centerspace NMath and Aspose
- Excellent communication and interpersonal skills including the ability to communicate technical information to a non-technical audience and working in a team environment
- Scrum master and Agile project lead experience

### SKILLS/TECHNOLOGIES

- C#, VB.net, SQL/T-SQL, VB 6.0, .NET, HTML5, JavaScript, CSS, XSL, jQuery, Ajax, IIS, MVC, Entity Framework, Microsoft .NET Framework 4.5
- Microsoft SQL Server 2012, SSIS, DTS, SSRS
- MS Office: Word/Excel/PowerPoint, MS Visio, Visual SourceSafe, Team Foundation Server, MS Project, Visual Studio 2015
- Bootstrap and HTML5/CSS for responsive mobile web
- Azure

### USER EXPERIENCE / USABILITY

- Design and Screen shots in Adobe Photoshop
- Wireframes in Axure, Balsamiq
- Infographics, Heat Maps, User Testing

### PROFESSIONAL EXPERIENCE

The Joint Commission, Oakbrook Terrace, Illinois      Mar/2006-Present  
**Lead Software Development Analyst**

- Provided leadership, coding and mentoring for the Center for Transforming Healthcare web application for the last 4 years.
- Coordinated several projects, provided estimates, managed code reviews and builds, interacted closely with business users, staff and management to meet the project goals.
- Assumed role of business analyst to write requirements documents, create test plans, facilitate meetings, perform system tests and resolve issues.
- Worked with the extranet security team to implement ADFS security within extranet application.
- Worked with the database team to create the database design from the ground up on several new applications.
- Created custom charts using .NET charting that required statistical calculations using NMath.
- Involved in a highly visible internet application called Quality Check which is a tool for state agencies and consumers to look up Joint Commission accredited organizations' measures and accreditation information.
- Assisted in the development of an internet application called Quality Data Download which collected search criteria and allowed customer to compile data in an Excel, CSV or PDF file in real time. Third party PDF generator was used.
- Object oriented design and patterns.
- Utilized RESTful services and WCF services to allow data access behind the firewall. Implemented additional IP restricted security for the services.
- Provided User Experience/Usability advise to multiple teams across the organization.

JPMorgan Chase, Chicago, Illinois      Jul/2005-Mar/2006  
**Application Developer**

- Development of internal real estate web application using classic ASP and the Microsoft .NET framework.
- Manage Sarbanes Oxley (SOX) inquiries and documentation for finance impacted systems.

Bostrom Corporation, Chicago, Illinois  
**Web Developer**

Aug/2002-Jul/2005

- Development of web applications using the Microsoft .NET framework. Recent projects focused on portal integration, single sign-on with LDAP and implementation of the Stellent content management system. Trained/Demoed the system for 25+ client board members during an annual conference.
- Created a course management and certification system, overhauling a manual, paper system into a dynamic, on-line database, administration, and email notification system. The system was written in C# and used SQL Server as a backend. Integration with Authorize.Net for online credit card processing was required. Trained clients, staff, and volunteers to transition the administrative process. Demoed the application to 50+ business users during an annual conference.
- Integrated 3<sup>rd</sup> Party applications with in house .NET applications using Web Services.
- Focus on web security including SSL and credit card encryption.

Click Commerce, Chicago, Illinois  
**Sr. Project Developer**

Oct/2000-Aug/2002

- Development of enterprise applications using an n-tier object oriented based infrastructure.
- Involved in design, creation, and testing of web based applications for the external clients such as Lincoln Electric and Emerson Process.
- Assisted client in installing and maintaining web applications, setting up development servers, and troubleshooting issues.
- Designed and built GUI for web applications using DHTML, JavaScript, and CSS.

Dearborn Financial Publishing (Kaplan), Chicago, Illinois Jul/1999-  
Oct/2000

**Web Developer**

- Developed several successful E-Commerce sites for affiliate schools and companies such as Dearborn.com, RECampus.com, AnthonySchools.com and a B2B portal for Prudential.
- Extensive work in ASP, SQL Server, HTML, DHTML and JavaScript.

- Spearheaded transformation of an in-house career tracking application into a fully customizable, marketable product by providing the ability to do customer branding.

Panduit, Tinley Park, Illinois

Nov/1996-Jul/1999

### **Programmer/Analyst**

- Lead Programmer for Pan-Link, a web application linking legacy systems to the internet allowing distributors to order products online.
- Worked with a team to maintain company web site and intranet.

## **EDUCATION**

### **DePaul University, Chicago, Illinois**

- Masters of Science in Human Computer Interaction (Usability/User Experience) (June 2017)
- Bachelor of Science in Computer Science Information Systems (March 1996)
- Honors/Deans list, Pell Grant, Merit Scholarship, Presidential DePaul Scholarship, and ISAC Grant

### **DePaul University, Institute for Professional Development Chicago, Illinois**

- Certificate in Web Developer Program, November 1997
- Certificate in Windows Development, June 1997