

Chad Vogel

Software Development Engineer / Architect

Professional Summary

I'm a dynamic IT professional with over eighteen (18) years of experience as a Software Development Engineer with a solid foundation in .Net and JavaScript technologies – such as ASP.NET MVC and Node. He has a strong understanding of Application design, down to the internal working of the CLR, caching/tasking/threading models and web technologies. He has provided his knowledge and expertise to a wide range of projects in different fields, from manufacturers, e-commerce firms, design firms, enterprises, healthcare, and small businesses. He is highly adaptable in quickly changing technical environments with solid organizational, analytical skills, managing/supporting multiple projects. Chad's area of expertise includes C#, VB.NET, JavaScript, ASP.NET Core ASP.NET MVC, ASP.NET WebAPI, ASP.NET Forms, WCF, RESTful services, Sitecore, Microservices, ADO.NET/Entity Framework and has an extensive understanding of JavaScript and UI technologies. Also, his experience also includes using design patterns, writing documentation, analyze/defining project requirements, and project management.

Experience

LyonL Interactive Inc.

08/1999 – Present

- Worked on various consulting projects designing building Microservices and web services
- Refactored and made enhancements to existing code
- Mentored developers in development best practices
- Developed and implemented applications in Sitecore 6, 7, 8
- Upgraded Sitecore versions and applied service packs
- Provided best practices for Azure and AWS
- Lead design sessions and took final designs translated them to HTML5, React JSX and SCSS

Environment:

Visual Studio 2017, C#, PHP, .Net 4.6.2, ASP.NET MVC, ASP.NET Web API, Sitecore 6.6, Joomla, Azure Cloud Services (Web / Worker Roles), Azure Service Fabric, Azure Service Bus, Dapper, Redis, MongoDB, Azure SQL, Angular 2, React, React.Net, JQuery, ES6, XUnit, SCSS, Gulp, Node and Git.

Projects:

Gladson Inc. Chicago, IL

3/2018 – 11/2018

- Worked with the product owner to define requirements and developed a workflow application to support product data collection.
- Developed unit test
- Built docker images to help developers development

Environment:

Visual Studio 2017, C#, ASP.NET Core 2.1, .Net Core 2.1, RabbitMq, Dapper, MongoDB, SQL Server 2016, React, XUnit, Docker, Nginx, Node and Git.

Merchants Fleet Management (Merchants TotalView Mobile) Rosemont, IL

8/2017 – 3/2018

Areas of Expertise

Languages:

C#, VB.NET, PHP, JavaScript and TSQL

Programming Concepts:

Microservices, Multi-threading, debugging, OO or OOD, Inheritance, Polymorphism, Events, N-tier programming, queues, injection, messaging, client/server, and full lifecycle development.

Web Technologies:

ASP.NET MVC, ASP.NET Web API, ASP.NET Forms, ASP.NET Web Services, ASP.NET Ajax, Microsoft Azure, Sitecore, Umbraco, SharePoint, Backbone, Bootstrap, Angular, React, jQuery, HTML, XHTML, CSS3.0, XML, Nginx, and IIS

Windows Technologies:

WinForm, Windows Presentation Foundation (WPF) and Windows Services

Communications Systems:

Windows Communication Foundation (WCF), NServiceBus, Rabbit MQ, Azure Service Bus, COM+, .NET Enterprise Services, UDP, TCP/IP, HTTP(S) and SQL Broker Services

Development tools

Visual Studio, Team Foundation Server, Visio, E-Team, Apache, Microsoft Visual Studio, Red Gate SQL Toolbelt, Red Gate .NET Reflector, Infragistics controls, Telerik controls, Crystal Reports, Active Reports, Visual Studio Reporting, Team Foundation Server, Visual Source Safe and subversion.

Database and Operating Systems:

Microsoft SQL Server, Azure SQL, MySQL, Oracle, SQLite, DB2, Redis, MongoDB, SQL Server Reporting Services, Microsoft Windows, Linux, and Apple IOS

Middleware and Software Applications:

Docker, Dynamics GP, Dynamics GP E-Connect, JD Edwards, Agile PDM, AutoCAD, SolidWorks and Valor, Oracle Agile (PLM), Microsoft Visio, Microsoft Projects,

- Implemented OData and integrated into OData endpoints to existing WFC stack
- Implemented custom security JWT
- Developed unit test and achieved 90% coverage
- Participated in design sessions and introduce new patterns; worked with the team to lay a foundation for mobile rest services
- Setup debugged web services for a mobile app for backend developers

Environment:

Visual Studio 2017, C#, .Net 4.6.1, ASP.NET Web API, OData, Xamarin, Windows Communication Foundation (WCF), Windows 2012 Server, SQL Server 2015 and Team Foundation Server.

Epsilon (Automotive team) - Chicago, IL**2/2017 – 8/2017**

- Helped with rolling out Volkswagen, Honda and Ford user-stories
- Implemented MVC and WebApi with multi-tenant
- Implemented integration into Ford, Volkswagen Dealership SSO systems
- Implemented Session state to function across App Domains and Intergrade Kentico Cms Sessions to MVC
- Setup reverse proxy

Environment:

Visual Studio 2017, C#, .Net 4.5.2, .Net 4.0, ASP.NET, Entity Framework, Windows 2008 Server, Kentico Cms, Redis, Azure Service Bus, SQL Server 2008, JQuery and Team Foundation Server.

Challenger Gray & Christmas - Chicago, IL**7/2016 – 11/2016**

- Helped with the transition of development to an offsite team after internal developer left the company
- Upgraded websites and projects too.Net 4.5.2 and cleaned code cleanup help handoff
- Setup a build process- using TFS Scripted Builds and Release Management

Environment:

Visual Studio 2015, C#, VB.NET, .Net 4.5.2, ASP.NET, Entity Framework, Windows 2008 Server, SQL Server 2008, Telerik controls, JQuery and Team Foundation Server On-Line.

Bright Star Care - Gurnee, IL**1/2016 – 6/2016**

- Developed architecture and developed stories from requirements
- Managed a team of 7 developers and mentored the team on modern design principles
- Setup and coached the business in the Agile process
- Setup a standardize build process- using scripted builds and release management

Environment:

Visual Studio 2015, C#, .Net 4.5.2, ASP.NET, WebApi 5, MVC 5, Entity Framework, Rabbit MQ, Windows 2008 Server, SQL Server 2008, Gulp, Node, Microsoft Dynamics GP 2010, Microsoft Unit Test, Team Foundation Server On-Line and Jira.

CDW - Chicago, IL**9/2014 – 12/2015**

- Participated in design sessions and introduce new patterns; worked with the architecture team to lay a foundation for Microservices, DDD and TDD
- Mentor peers in the Agile Development Process
- Upgraded legacy projects to Visual Studio 2015, standardized build process, nugget package management and designed implemented a custom master page Framework (optimized CSS and JavaScript – achieved 44%-page load-time improvement)

- Implemented MVC and WebApi in legacy ASP.NET Form applications
- Worked remotely

Environment:

Visual Studio 2015, C#, .Net 4.5.1, ASP.NET, Web API 5, MVC 5, Windows 2008 Server and SQL Server 2008, Gulp, Node, Nginx, IIS, Team Foundation Server 2013, Microsoft Unit Test and BuildMaster.

Florida Family Insurance (Barrington Capital). - Chicago, IL**10/2013 – 8/2014**

- Participated in design sessions and introduce new patterns there are several new patterns: Repository, Specification, Adapter, and command – also work with developers to train them on new technologies and participated in peer programming
- Mentored and Trained the team members on Agile and worked the business to take requirements to write stories in Given, When, Then format
- Upgraded legacy ASP.Net Form projects to Visual Studio 2013, refactored the project to implement clean code principals, wrote unit tests for legacy code.
- Install and set up TFS Server 2013, migrated Legacy projects into TFS 2013 from TFS 2010 and setup InRelease
- Developed an SPA claims portal application using MVC, Backbone.js, and JQuery
- Updated/Refactored Sitecore controls and invested upgrading to Sitecore 7.0

Environment:

Visual Studio 2013, C#, .Net 4.5.2, Entity Framework 6, ASP.NET, Sitecore, Server 2012, Windows 2012 Server, Team Foundation Server 2013 and InRelease

Thomson Reuters Elite. - Chicago, IL**1/2013 – 6/2013**

- Performed/Implemented various ASP.NET (C#, Web Forms), JavaScript and SQL Server 2008 based stories.
- Review SQL Queries and help developers optimize queries
- Rewrote code to enhance security by closing SQL injection attack holes and added other security enhancements.
- Implemented a process to automatically upload source code to Veracode and create tasks in JIRA

Environment:

Visual Studio 2010, Visual Studio 2012, C#, JavaScript, .Net 4.0, ASP.NET, WSS 3.0, NServiceBus, Rabbit MQ, WCF, SQL Server 2008, Windows 2008 Server, Veracode, JIRA, Greenhopper and Mercurial

Oncall Interactive LLC. - Chicago, IL**2/2012 – 01/2013**

- Designed and built an auction engine for uBid the second largest auction site in the United States.
- Rewrote code to enhance performance and security.
- Designed and built a custom product search engine for uBid
- Worked with clients, account managers, and developers to directly gather requirements
- Reviewed Code and Designs from of all C#, PHP and JavaScript developers
- Implement the Agile development process

Environment:

Visual Studio 2010, Visual Studio 2012, SQL Server Business Intelligence Development Studio, C#, PHP, JavaScript, Code First Entity Framework, NServiceBus, Umbraco, WCF, SQL Server 2012, Windows 2008 Server and Team Foundation Server 2012

Press Ganey Associates, Inc. - Evanston, IL**10/2011 – 01/2012**

- Worked on fixing browser compatibility problems with the existing site for mobile devices.
- Rewrote code to enhance security by closing SQL injection attack holes and added other security enhancements.
- Developed SSIS packages to move SharePoint list data into tables for reporting.

Environment:

Visual Studio 2010, SQL Server Business Intelligence Development Studio, VB.NET .Net 3.5, ASP.NET, SharePoint 2008, SQL Server 2005, SQL Server 2008, Windows 2005 Server, Windows 2008 Server and Team Foundation Server 2010.

The Marek Group, Inc - Waukesha, WI**2/2011 – 07/2011**

- Rewriting the entire Customer portal from scratch to correct existing design flaws and to make changes to the underlying database schema to support new features.
- Upgraded projects from Silverlight 3 to Silverlight 4.
- Wrote/designed new web services interfaces to provide business functionality to other business tiers and outside suppliers and I developed and implemented a Single Sign-on authentication system across all their sites.

Environment:

Visual Studio 2010, C#, ASP.NET MVC, T4 Text Templates, Silverlight 3/4, Windows Communication Foundation (WCF), RIA Services, SQL Server 2008, Windows 2008 Server and subversion.

Springs Window Fashions, Middleton, WI**4/2010 – 12/2010**

- Developed a new interface to a third party MES (Material Optimization System) to break up workloads into smaller units of work to disperse the work of multiple servers.
- Managed the hand-off from a third-party developed Manufacturing execution system to the internal team
- Developed a SharePoint site with a workflow to manage bugs and documentation
- Layout roadmap for improvements needed for the Material optimization system and MES
- Trained/Supported internal developers about c#, helped with debugging mission critical bugs and code review developers code

Environment:

Visual Studio 2010, WinForms, Telerik controls, SQL Server 2008, SQL Broker Services, Windows XP, Windows 2008 Server, SharePoint 2010 and Subversion

The Marek Group, Waukesha, WI**12/2009 – 03/2010**

- Test, optimization and redesigned database and stored procedures
- Implementation strategy and developing the necessary implementation scripts
- Worked with and gathered current business requirements from end-users
- Made the necessary changes to applications to support schema changes

Environment:

Visual Studio 2008, SQL Server 2008, Windows 2003 Server, ASP, ASP.NET, subversion

Network Engineering Technologies, Middleton, WI**2/2009 – 04/2009**

- Updated ASP.NET Form/Controls to use Microsoft Ajax Controls

- Updated SharePoint themes/sites and Web Applications to reflect the current corporate feel
- Worked with and gathered current business requirements from end-users
- Updated applications to the current business requirements and tested updated applications
- Built a single sign authentication system for a SharePoint and ASP.NET sites
- Updated reports in Crystal reports

Environment:

Visual Studio 2008, SQL Server 2008, Windows XP, Windows 2003 Server, SharePoint 2008, Crystal Reports

Dassault Systèmes (SolidWorks), Madison, WI**11/2008 – 2/2009**

- Setup Team Foundation Servers with Single and Dual-Server Deployment
- Setup nightly builds
- Coordinated testing the deployment with branch offices around the world
- Published documentation and test results on internal Wiki
- Worked directly with Microsoft and SolidWorks to develop best practices and branching strategies
- Developed a C# Console Application to upload source code and add comments from current source control solution using the TFS API

Environment:

Visual Studio 2008, Team Foundation Server 2008, SQL Server 2005, WSS 3.0, Windows Server 2003

Parts Now, Middleton, WI**10/2007 – 10/2008**

Chad was responsible for creating a custom CMS for the Parts Now website and building web applications for customer self-maintenance, shopping cart, order processing.

- Building templates and code generation tools
- Building a base class for data access and business logic layers
- Provided knowledge on best practices for Web, security and search optimization
- Participated in design and best practices meetings
- Participated in interview meetings for selecting a web design firm
- Wrote custom AJAX controls

Environment:

Visual Studio 2008, WinForms, Team Foundation Server 2008, Windows 2008, SQL Server 2005, Microsoft Dynamics GP 9.0 and Microsoft Dynamics E-Connect 10

Trek Bicycle, Waterloo, WI**07/2007 – 10/2007**

- Prototyped (Data and Business layers, Language and security management, Base class's, and New screen design)
- Built the base class for data access and business logic layers and template code generation tools
- Provided knowledge on best practices for Web Services, security, and development.
- Documentation of Decisions / Impact Analysis third-party tools and technology
- Training developers on best for .Net Web services
- Documenting and researching Windows Vista compatibility problems

Environment:

Visual Studio 2005, Visual Studio 6.0 & Visual Source Safe 2005, VB6.0 C#, Windows XP (Professional and Home), Windows 2003 Server, Windows XP/Vista, SQL Server 2000/2005, Oracle and E-Team

Plexus, Neenah, WI

03/2007 – 07/2007

- Re-engineered Plexus BOM (bill of materials) download for PCBA (Printed Circuit Board Assembly) / CCA (Circuit Card Assembly) machines while conforming to the current SOP and add support for Agile PDM (product data management) 9.2.
- Ported Plexus Cam Import from VB6 to VB.NET, added support for Valor, rewrote Autocad and Solidworks import process
- Built ASP.NET Core service module responsible for security and inter-module communication.
- Defined requirements and worked with End Users to refine applications
- Provided knowledge on best practices for Web Application development.

Environment:

Visual Studio 2005, Visual Studio 6.0 & Visual Source Safe 6.0/2005, VB6.0, VB.NET, Microsoft SharePoint, Windows XP, Windows Server 2003, SQL Server 2005, JD Edwards and Agile PDM 9.2