

## SUMMARY

Over fifteen years of professional software engineering experience.

Experience leading development teams, including developers and business analysts.

Experience serving as technical project lead designing, developing, and architecting enterprise software solutions.

Experience with agile development, scrum, xtreme programming, and test driven development.

Nine years of experience with Microsoft .NET framework technologies including C#, ASP.NET (Web Forms and MVC), and .NET Framework 1.1-4.0.

## EXPERIENCE

### Fairway • Senior Software Engineer

Fairway Technologies offers IT consulting and software development services. As a staff software engineer for Fairway, I provide best in class software engineering to Fairway's clients.

#### Client: Bridgepoint Education (July 2011-Present)

Joined Bridgepoint's in-house development team to enhance and extend Constellation, Bridgepoint's web based text book reader.

Provided front end engineering expertise, building custom controls using JavaScript, jQuery, Html5, and CSS.

Increased developer productivity and code reusability by introducing Backbone.js into front end architecture and training other front end engineers on its usage.

Participated in effort to convert Constellation platform to allow 3rd parties to publish content.

Participated in effort to redesign system to support up to 1 million users (100,000 simultaneously)

Prototyped integration of real time services running on Nodejs with main web application running on Asp.net MVC.

Prototyped Html5 Cross Document Messaging solution for integration of Nodejs and Asp.net application.

Technologies: JavaScript, Backbone, Underscore, jQuery, Coffescript, Node.js, Websockets, Html 5, CSS3, AJAX, JSON, C#, Asp.net MVC, SQL Server, Team Foundation Server (TFS), Mingle, Agile, Scrum

### Mitchell 1 • Senior Software Engineer (contract)

Worked on developing the next generation of Mitchell 1's flagship automotive repair and diagnostic web application.

Wrote middle-tier application code using Unity, WCF. Web application using Asp.net MVC 3.

Heavily involved in application architecture and design discussions.

Developed custom UI controls with Html 5, CSS 3, jQuery, and Knockout.js.

Worked on a team of five developers to create version 2 of [www.repair-connect.net](http://www.repair-connect.net) for truck repair shops to look up repair data based on engine control module trouble codes.

Enhanced the existing application to allow mechanics to find data by three additional code types.

Coded and tested all front end and middle tier changes utilizing existing application design patterns.

Exposed and secured all middle-tier services via WCF for 3rd party, as well as, internal usage.

Technologies: C#, ASP.NET MVC 1/3, .Net Framework 3.5, SQL Server 2008, T-SQL, TDD, Javascript, jQuery, Knockout.js, Ajax, Json, HTML 5, CSS 3, NUnit, NLogger, Visual Studio 2008/2010, Resharper, IIS, SVN, Team City, Version 1, Agile, XP, Scrum

## EXPERIENCE

### Active Network • Senior Software Engineer

Worked on a team of eight developers to design and develop custom web based online registration system for youth team sports including an admin interface for client administrators to create team rosters, schedules, billing, and reporting.

Served as project technical lead performing duties including architecture of all new features and applications.

Architected improvements to existing codebase by introducing enterprise design patterns and test driven development (TDD).

Established coding standards and ensured the development team followed the standards set forth through code reviews and direct mentoring.

Technologies: C#, ASP.NET, VB.NET, .Net Framework 1.1-3.5, SQL Server 2005/2008, T-SQL, TDD, ASMX Web Services, Javascript, jQuery, MS Ajax, MS Test Suite, Visual Studio 2005/2008, IIS, SVN, Team City, Crucible, Jira, Agile

### GMAC ResCap • Senior Software Engineer

Acted as team and technical project lead on multiple projects.

Managed a team of three developer and one business analyst in support of an enterprise foreclosure accounting system.

Increased scalability of an enterprise foreclosure accounting system allowing it to handle an ever increasing loan volume.

Reduced support time required for foreclosure accounting system from 40 hours per month to 4 hours per month through bug fixes, optimizations, and architecture upgrades.

Improved departmental efficiency by implementing issue tracking standards and procedures for support and maintenance development.

Administrated Footprints issue tracking system running on MS SQL Server.

Documented, designed, coded, tested, and supported web based software for reconciliation of cash flow in excess of 1 billion dollars per month as it moved through five enterprise systems.

Designed and developed system for tracking time and project/departmental billing for time spent by members of the development team.

Provided support and maintenance development for numerous data manipulation and analysis utilities.

Technologies: C#, ASP.NET, .Net Framework 1.1-2.0, SQL Server, T-SQL, Oracle, PL-SQL, VB6, C++, COM/COM+, MTS, MSMQ, MS Access, Crystal Reports, Visual Studio 6 & 2003-2005, Delphi, Footprints, Visual Source Safe

## EDUCATION

General Education

California State University Fresno

## TRAINING

Programming in C#  
Seven Habits of Highly Effective People  
Supervisory Certificate Program  
Essential COM+  
Programming in C++  
Computer Technician

Learning Tree University  
Franklin Covey  
Learning Tree University  
Developmentor  
UCLA Extension  
Fresno Institute of Technology

## REFERENCES

Available on request