

COMPUTER SOFTWARE ENGINEERING PROFESSIONAL

A seasoned, problem-solving, object-oriented, full stack senior software engineer with extensive commercial experience creating high-quality, database-driven complex enterprise applications using C#. Strengths include a hands-on developer and team player, a good user interface designer and interests in the mobile world.

TECHNICAL SKILLS

- **Languages:** ASP.NET Web Forms and MVC, Windows Forms, C#.NET, JavaScript, HTML, CSS3, jQuery
- **Data Access:** Microsoft SQL Server 2008, Oracle 10g, Microsoft Access, ADO.NET, and ADO
- **Tools:** Visual Studio, Microsoft SQL Management Studio, Internet Information Services (IIS), Telerik ASP.NET AJAX controls, Team Foundation Server (TFS), Visual Source Safe, OOD/OOP, N-tier client server architecture

PROFESSIONAL EXPERIENCE

BECTON, DICKINSON and COMPANY, San Diego, CA

2010 – Present

An \$8 billion patient care company with more than 40,000 employees worldwide.

Senior Software Engineer / Senior Consultant in Learning Management System, Global Learning

As part of a 9-person team, I helped design, develop and test eClass 4.0 - an FDA-regulated, 21 CFR 11, localized, C# ASP.NET 4.0 and Microsoft SQL 2008-based learning management system. It is a single sign-on Windows-authenticated site used worldwide for employees to take and manage their training requirements.

- 3-tier ADO.NET application employed C# master pages, resources files and inheritance of base classes.
- Built complex custom user controls, a quiz tool, an audience selector, and executed SMTP functionality.
- Wrote and performed implementation plans for deployments.
- Created SQL stored procedures, functions and views supporting the data layer.
- Created Microsoft SQL 2008 SSIS packages for data integration and email processing.
- Verified migration of legacy application via SQL statements using Excel spreadsheets for tests.
- Developer of a ScrewTurn-based Wiki for the software development team to promote collaboration.
- Managed and extended internal web-based database-driven bug tracking site (BugTracker.NET).
- Introduced team to Scrum and Agile software development and cross-trained as needed.

IRDETO BSS, Carlsbad, CA

2005 – 2009

A \$75 million cable and satellite TV customer care and billing software provider.

Staff Senior Software Engineer

Delivered various C#-based components adding extensive capabilities to the ASP.NET 3.5 flagship application, IBS v6, in an Agile-based software development environment. Co-lead developer from inception in a 7-member team creating a BackOffice C# Windows Form configuration application using software patterns to ensure proper code development as new engineers joined the team. Subject Matter Expert in a BackOffice application that allowed users to run massive batch updates to the application's database.

- Developed C# ASP.NET 3.5-based web pages for IBS v6.
- Lead developer of a C# Windows Form BackOffice application (the Translation Manager) that updated a separate Oracle database so users could configure each text element of the user interface.
- Used Team Foundation Server and Cruise Control.NET for automated continuous source control.

- Resolved software defects in legacy Visual Basic 6 SP5 application; designed and created a Silverlight 2.0 prototype and a WPF prototype for its updated version.

INDEPENDENT CONTRACTOR, San Diego, CA

2003 – 2005

Software Engineer – Fresenius Medical Care Extracorporeal Alliance

Lead developer in a three-person team; initiated R&D and design phases of a Visual BASIC.NET project to replace a legacy database application (Paradox database on DOS) for a medical personnel outsourcing company.

Senior Software Engineer – Hewlett-Packard

Contributed to team of software engineers in an internal study on the usability of the company's large intranet.

Software Engineer – Communication Partners, Inc.

Collaborated with team engineers and created user interface and data validity component for an internal VB.NET Windows Form application that created benefits enrollment package web sites.

EAST COUNTY ECONOMIC DEVELOPMENT COUNCIL, San Diego, CA

2001 – 2002

After Hours Contract Software Developer for www.connectory.com

Worked with a small team to design and develop a classic ASP-based web site to import data for a database used by the California Buyer-Supplier network. *Won 2002 Governor's Technology & Innovation Award.*

WIRELESS KNOWLEDGE, INC., San Diego, CA

2000 – 2003

A joint venture of QUALCOMM and Microsoft allowing customers to wirelessly access enterprise data.

Senior Staff Software Engineer

Pioneer in a team responsible for building a SQL Server-driven administrative support web site for maintaining users in flagship collaborative software-mobilizing application, Workstyle. Lead developer in project that transitioning from classic ASP and Visual Basic web classes to ASP.NET data grids and to C# Windows Forms.

STELLCOM TECHNOLOGIES, San Diego, CA

1998 – 2000

A multi-million dollar premier systems integration firm.

Senior Software Engineer – Staff and Contractor

Worked with several developers developing Visual Basic components and creating classic ASP web sites driven by Microsoft SQL Server 6.5. Transitioned to Wireless Knowledge in 2000.

WRIGHT STRATEGIES, INC., San Diego, CA

1996 – 1998

A \$5 million provider of rapid development, enterprise mobile applications.

Webmaster and Technical Publications Manager

Managed two technical writers who created technical documents for flagship handheld PC-based application, FormLogic. Led the transition of the corporate web site from HTML-based to classic ASP.

TECHNICAL TRAINING

Microsoft Virtual Academy – Introduction to ASP.NET Core with Visual Studio 2017

Microsoft Virtual Academy – Introduction to ASP.NET MVC (MVC4)

SkillSoft Elective Training – 2010-Present

Writing Queries Using Microsoft SQL Server 2008 Transact-SQL – 4/2011

Microsoft Professional Developers Conference (PDC) Attendee, Los Angeles – 11/2008

Introduction to Agile and Extreme Programming Practices (Carlsbad) – 9/2007

EDUCATION

BA (Biology), Oberlin College, Oberlin, Ohio