

STEPHEN MARSH

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Senior Software Engineer & Project Manager

- ♦ Project Management
- ♦ Full Life-Cycle Development
- ♦ User-Centered Design
- ♦ Windows Forms
- ♦ Web 2.0
- ♦ Web Standards
- ♦ Smart Client Interface
- ♦ RIA
- ♦ Ecommerce
- ♦ Accessibility

Experienced team leader and architect with a software engineering background and a proven record of delivering high-quality enterprise systems for the Internet; Deeply focused on leading a software team to develop next generation web-applications, specifically in the area of user-centered software for non-technical users; Accomplished in delivering rich-interface & smart-client user-experience with the .NET Framework and Windows Forms. Highly skilled at managing products through full life-cycle from cradle to grave. Served as a key member of two Fortune 500 award winning software development teams.

SKILLS

- ♦ Expert-level .Net developer; *.NET Framework 3.5, C#, ASP.NET, ADO.NET, Windows Forms*
- ♦ Expert-level web developer; *XML, AJAX, JavaScript, CSS, XHTML, WSDL, XSLT, XPATH*
- ♦ Experienced software engineer; *OOP, N-Tier architecture, Software design patterns, UML*
- ♦ Experienced data architect; *SQL & Relational Database Design*
- ♦ Proven team leader in high technology, international setting; Experienced manager of large projects with small teams; Excellent written & oral communication skills
- ♦ Knowledgeable developer of n-tier, database-driven, client-server web applications
- ♦ Experienced engineer fluent with software architecture, software design methodologies, software design patterns, object oriented design and the full software development life-cycle
- ♦ Skilled developer of high-traffic, mission critical, internet applications for global deployment
- ♦ Continually researching and evaluating cutting-edge technologies (WPF, WCF, XAML, Silverlight)

WORK EXPERIENCE

Senior Software Engineer

PARKER HANNIFIN CORP. Newton, MA

Dec 2003 – Present

- ♦ Serve as lead developer and architect for in-house web-based CRM software suite used for world-wide product configuration & online ordering. Specialize in designing rich user experience applications with the .NET framework and custom user-controls in Windows Forms.
- ♦ Design & code real-time evaluation and parsing engine for rule-based configurator using back-end components in C# to drive a front-end web/Ajax client
- ♦ Design architecture for database and business logic layers to support multiple languages including double byte character sets in web-based software
- ♦ Provide a senior-level contribution to a team responsible for the development & execution of critical international business applications using web standards and .NET architecture
- ♦ Lead development team through whole-product experience and product life-cycle (specification, architecture, coding, support, deployment)
- ♦ Research & consider emerging technologies to improve current applications: end-user experience, architecture performance and product development processes
- ♦ Contribute as a leader in a collaborative environment, providing assistance & technical guidance to less experienced team members

Information Systems Analyst

PARKER HANNIFIN CORP. Cleveland, OH

July 2002 – Dec 2003

- ◆ Worked as developer & project manager for mission critical web-based software which supported internal manufacturing operations as well as customer facing CRM apps
- ◆ Participated in a highly competitive year long training program intended to prepare candidates for IT management position; Worked in 4 divisions in U.S. & Europe serving in all capacities of IT but focusing on customer-facing software development
- ◆ Designed architecture and coded serial # lookup system for European division using the .NET framework and AJAX to expose sales information from JDE to web-based sales apps
- ◆ Defined the integration between proposed development projects & existing systems, software & hardware in UML

Web Master

ISFS OHIO UNIVERSITY Athens, OH

Sept 2001 – July 2002

- ◆ Designed & built university's International Services web site including organization, navigation & layout using web standards (XML, CSS, JavaScript and graphic design)
- ◆ Collaborated with department director to disseminate critical immigration information within the international community in the period following September 11th.

Web Developer

PROGRESSIVE INSURANCE Cleveland, OH

June 2001 – Sept 2001

- ◆ Designed department intra-net site defining navigation, content architecture & functionality using XML & web standards with a cost benefit of \$250K/year & usage company wide
- ◆ Coded back-end server components for web-based client server applications in VB
- ◆ Worked as a key member on an award winning technology & development team

EDUCATION

MBA & Master of Science in Finance, Candidate 2009

NORTHEASTERN UNIVERSITY Boston, Massachusetts

Research Thesis: *SRI, A Performance & Style Analysis of Socially Responsible Mutual Funds*

Bachelor of Business Administration, June 2002

OHIO UNIVERSITY Athens, Ohio

Major: Management Information Systems GPA: 3.9

Minor: Philosophy GPA: 3.8

GRADUATE RESEARCH

- ◆ Corporate Finance
- ◆ Financial Strategy
- ◆ International Financial Management
- ◆ Mergers & Acquisitions
- ◆ Portfolio Management
- ◆ Risk Adjusted Return & Style Analysis

CORE TECHNOLOGIES

- ◆ XML
- ◆ XSLT
- ◆ CSS
- ◆ AJAX
- ◆ ASP.NET
- ◆ C#
- ◆ JavaScript
- ◆ SQL
- ◆ Algorithm Design
- ◆ Windows Forms
- ◆ ADO.NET
- ◆ .NET Framework 3.5
- ◆ Web standards
- ◆ Custom web services
- ◆ OOP
- ◆ Software architecture
- ◆ Agile Development
- ◆ Software design patterns
- ◆ SOA
- ◆ SaaS
- ◆ User center design
- ◆ Relational database design
- ◆ Custom user controls
- ◆ Visual Studio 2008
- ◆ User interface design
- ◆ Framework Design