

Pravesh Soni

Software Architect, Engineer
Bartlett, IL – 60103
(630) 504-6996

Summary

- A Software Professional with more than 11 years of rich experience in software development
- Having expertise in end-to-end development of software solutions from requirement analysis to implementation
- Demonstrated abilities in analyzing & evaluating requirements, custom designing solutions and troubleshooting for complex information systems
- Having good skills in risk & impact analysis, project reviews and documentation
- With strong problem solving and technical skills with confident decision making for enabling effective solutions leading high customer satisfaction as well as lower operational costs
- Skilled at design techniques and applying those techniques with .NET (C#/VB.NET), XML, VB, COM
- Current Development with C#, VB.NET, ASP.NET, Windows APIs through .NET 3.5 and beyond
- Specialist in user interface design, human-computer interaction, scalability, code generation and i18n/globalization
- Developed in the past with VB6, ASP
- Accomplished at Process Modeling, System Architecture and Design, and Scalability Architecture
- I'm authorized to work with any employer in USA

Technical Skills

- JavaScript (currently: familiar), jQuery (currently: intermediate), Sencha/Ext JS, Node.js (currently: learning)
- Objective-C, Android SDK, Sencha Touch, jQTouch, jQuery Mobile (currently: learning); Mobile app development (currently: learning)
- Microsoft .NET, C#, Visual Basic .NET (currently: intermediate)
- Databases & SQL (currently: familiar, formerly: advanced)
- HTML (currently: familiar, formerly: expert); DOM, CSS, XML, XSL (currently: familiar, formerly: intermediate)
- Linux & Solaris Systems Administration (currently: familiar, formerly: advanced), Windows Server Administration (currently: familiar, formerly: advanced)
- Computer Network & Web Application Security (currently: familiar, formerly: advanced)

Core Competencies

- Software Development
 - Conducting system study and coordinating with team members for requirements mapping, system design & integration, implementation etc.

- Designing and executing test plans and gap analysis to ensure that business requirements and functional specifications are tested and fulfilled.
- Understanding of business requirements, identifying systems and getting it developed and deployed.
- Project Management
 - Project Initiation, Planning, Execution, Control & Closeout.
 - Client Interactions – functional & technical communications.
 - Defining development setup, system configuration, release plans.
 - Defining project development plan and delivery schedule.
 - Manage project adhering to proposal/contract for scope, quality, risk and change.
 - Project milestone, deliverables, user acceptance & closure management.
 - Conduct PSR meetings and stakeholder collaboration.
 - Resource planning and allocation.
 - Motivate and mentor the team, identifying the skill gaps and upgrade.
- Achievements
 - Received best project execution team award in Gateway Technolabs.
 - Attended Network Security seminar organized by IceNet, Aprara and RSA Data Security jointly.
 - Attended Microsoft Windows Server 2003 training program organized by Microsoft.
 - Attended Microsoft MSDN Yatra for Visual Studio .NET 2005 with .NET Framework 2.0 Preview.
 - Successfully completed Advanced Diploma in network Centered Computing from NIIT.
 - Microsoft Certified Systems Engineer since 2002. MCP #2652267

Certifications

- Diploma in advanced computing (NIIT) – 2000
- Microsoft Certified Systems Engineer – 2002

Leadership & Management Skills

- Agile & Lean, SCRUM, XP (2+ years);
- Project Management (5+ years)
- Managing 5 to 20 team members (5+ years)

Writing/Publications

- .net technical weblog at <http://blog.pravesh.me/>
- Published article at CodeProject.com on displaying thumbnails of XPS document (<http://www.codeproject.com/Articles/54559/Show-thumbnails-of-XPS-documents>)

Employment History

- June 2011 to present, Project Lead, Gateway Global Sourcing Solutions
- August 2008 to April 2011, Technical Consultant
- July 2005 to July 2008, Project Lead, Gateway Technolabs Pvt. Ltd.
- May 2000 To July 2005, Web designer/Developer, Explora InfoTech Ltd.

Select Projects

Project	Payroll/HR/Finance Suite
Client	Sweden & Finland based company
Duration	16 Months and On Going
Tools / Technologies	ASP.NET with C#, MS SQL 2005, SQL Reporting Services, XML, HTML, JavaScript, WPF, WCF, Silverlight.
Summary	<p>This is a web based online Payroll/HR/Finance product suite. It is a cloud based hosted service as well self-hosted intranet service.</p> <p>Key select features of the HR application:</p> <ul style="list-style-type: none"> ○ Role based access, user can only see and access function needed for the users position ○ A configurable workflow to support the process flow between users, “My tasks” ○ Start page can give access to customers software's functions ○ Wide functionality without missing deep functionality <p>Key select features of the Payroll application:</p> <ul style="list-style-type: none"> ○ Supporting various industries ○ Supporting most collective agreements and also taking into account the specific organization based needs ○ Leave and absence management ○ Information on public authorities and stakeholders ○ Extensive reporting ○ Full integration support ○ Comprehensive user-rights management ○ Provisions and deferred expenses in the accounts ○ The statutory standard reports and archives
Responsibilities	<ul style="list-style-type: none"> ● Played dual role of Technical lead cum Application Architect ● Involved in creating overall application architecture ● Participated in creating System Test cases ● Provided technical leadership to the team of 4 people

Project	Survey Management System
Client	USA based client
Duration	36 Months
Tools / Technologies	ASP.NET with C#, MS SQL 2005, SQL Reporting Services, XML, HTML, JavaScript, Workflow.
Summary	<p>This is a web based online survey / opinion tracking system. It provides facility to design the surveys. Subscribers can make design related changes in the survey interface. They can add their custom logos or add sound or video clips and graphics. They can also</p>

	<p>publish/unpublished surveys as per their needs.</p> <p>Key select features of the survey application:</p> <ul style="list-style-type: none"> ○ Supports multiple device platforms - touch screen, hand held, web, and kiosks that provide real-time feedback. All survey devices are managed remotely through a web-based Survey Manager interface. ○ Integration with Interactive Voice Response (IVR) and Paper survey systems ○ Collaboration - users can share his survey with other users. ○ Data Import/Export - Raw data import and export in universal formats such as text and XML. ○ Strong backend survey information tracking system that consists of Analytical Reports, Presentation Reports, Automated Reports and Time Filtering Reports etc.
Responsibilities	<ul style="list-style-type: none"> ● Played dual role of Technical lead cum Application Architect ● Created overall application architecture ● Technical Single Point of Contact for the client ● Participated in creating System Test cases ● Provided technical leadership to the team of 7 people

Project	Product to check database integrity in RDBMS
Client	UK Based product Company
Duration	3 Months
Tools / Technologies	C# Windows Forms, XML
Summary	<p>This is a tool (common component) to check the database integrity in relational database using the built in library of pre-defined checks.</p> <p>The tool can be accessed via command line interface as well as standard GUI.</p> <p>It also has ability to define additional checks using standard SQL statements.</p>
Responsibilities	<ul style="list-style-type: none"> ● Played the role of Technical Lead ● Developed a componentized, plugin based architecture which was reused throughout the product lines. ● Also created project plan, delivery schedule and guided the project execution. ● Guided creation of Installation Packages using MSI. Also participated in dependency identification, development of installation package and performing test installation on multiple operating systems.

Project	Mortgage Loan Processing – Mid Office & Back Office
Client	Leading Mortgage Bank in the Netherlands
Duration	12 months
Tools / Technologies	ASP.NET 2.0 with C#, MS SQL 2005, Crystal Reports, XML, HTML, JavaScript, Third party Workflow engine.
Summary	<p>This application is custom developed to handle Mortgage Loan Product Processing for a Netherlands based merchant bank focusing on innovative corporate finance, risk management and structured investment solutions.</p> <p>Mortgage Loan product is one of the core activities of the bank. It allows the bank to define new loan product, approval flow and automation of the loan approval process.</p> <p>Key select features of the Mortgage Loan Product application:</p> <ul style="list-style-type: none"> ○ Covers every activity that the Mortgage Loan department does – right from the Loan Request to Loan Approval. ○ Leverages Skelta BPM Suite to define and manage the flow of the activities on the fly ○ Integrates with Document Archival Service from Hyarchis.NET, which is a third party ECMM system. ○ Uses ITP Document Composition Platform from AIA (aia-ity.com). ITP offers an ideal interface and infrastructure for composing and managing these complex documents/digital forms/templates from the convenience of a desktop. ○ Makes use of BKR, a proprietary fraud check service for Netherlands ○ Supports Direct Debit Processing via an interface called PBM that supports multiple currencies, integration with General Ledger & Double entry book keeping. ○ Transaction Management – Apart from standard banking transaction handling, it provides facility for Spilt Transaction and Manual Transaction for managing due payments and penalties. ○ Backed by custom Audit Trail component that keeps track of every activity done inside every module. An interface similar to Windows Event Log is developed to view the auditable data.
Responsibilities	<ul style="list-style-type: none"> ● Played the role of Technical Lead ● Heavily involved in requirement gathering and documentation by interacting with the client - offline and face-to-face, both ● Responsible for getting the application architecture implemented ● Also acted as a sub-project manager for select modules – provided module plans and delivery schedules.

	<ul style="list-style-type: none"> Also kept track of activity level status.
--	---

Project	Scheduling, Event Management & Reporting System (Phase 1, 2, 3)
Client	Canadian NGO functioning for Children and Youth welfare.
Duration	24 Months
Tools / Technologies	<p>Phase 1 - .NET 2.0, VB.NET, ASP.NET, HTML, JavaScript, MS SQL Server 2005</p> <p>Phase 2 & 3 - .NET 2.0, VB.NET, SOAP, ASP.NET, HTML, JavaScript, MS SQL Server 2005, Web Services</p>
Summary	<p>The application is a scheduling and event management application for a NGO focused on Child Development and Parental Guidance.</p> <p>The NGO had already developed legacy application which provided more or less similar functionality. The legacy application was not developed using layered architecture and hence it was not possible to separate different parts of the application on different physical servers and hence causing performance issues.</p> <p>We analyzed the needs and provided a solution based on multi-tier architecture using .NET 2.0. This version of the application was a whole rewrite that included functional enhancements as well.</p> <p>In order to make the application more secure:</p> <ul style="list-style-type: none"> We used built-in data Encryption provided by SQL Server 2005 in order to meet client's security related needs. Separated the tiers, hosted on different physical servers and got the firewall installed. Hosted the application on extranet that provided a custom authentication mechanism offered by their internal authentication service which was custom built for them.
Responsibilities	<ul style="list-style-type: none"> Played the role of Analyst Programmer Responsible for analyzing the overall system and preparing a development guideline for the team. Also, responsible for developing two critical modules of the system: 1) Security module and 2) Administration (master data management) module Guided Systems Test Case development