# Pratik Shah

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## Highlights

* Over **11+ years** of experience in designing, developing, and implementing enterprise level applications in Microsoft Technologies for industry leading organizations
* Excellent knowledge of **Windows desktop application development** (.NET Windows Forms/WPF)
* Strong C# .NET development skills including WPF / XAML and MVVM design pattern
* Strong fundamental understanding of Object Oriented Design principles.
* **Multi-threaded programming** experience in MS Windows (Win32) environment
* Thorough background and understanding of **data structures**/algorithms/architecture.
* Implemented various industry standard **Design Patterns** and experience with .NET architecture
* **Team Lead** experience with **onsite/offshore** development team of 10+ resources
* Participate in all phases of the development lifecycle with a focus on problem definition and decomposition, robust solutions definition, and systems and software architecture
* Strong interpersonal skills with ability to communicate thoughts, designs, and implementations in both written and verbal form

### Technical Certifications/Conferences/Awards

Certifications

* Microsoft Certified Solutions Developer (MCSD.Net)
* Microsoft Certified Application Developer (MCAD.NET)

Conferences

* Active Participant in various local .Net User Groups (including Code Camp 2010/2011/2012)
* Attended TechEd Conference - 2009
* Attended Professional Developers Conference (PDC) – 2008

Awards

* Promoted to Vice President in Goldman Sachs within a year of joining as a full time employee
* Consecutively awarded for 2 years (2007 & 2008) EMC Discretionary Stock Option grant in recognition for the   
   outstanding client service

### Professional Experience

#### **Goldman Sachs** (<http://www.gs.com>) Jersey City, NJ

Vice President 12/2009 – present

*System Analysis:*

* Responsible for providing technical leadership for the team and therefore ensure that engineered and developed solutions meet the overall technical standards and direction
* Defined application architecture, gathered requirements, and created working prototypes and proof-of-concepts in order to provide technical direction to implementation teams.
* Responsible for the design/development of the entire front-end application in C# and WPF, from prototyping to full scale implementation and deployment.
* Ensure changes adhere to existing architectural principles and do not violate requirements around security, scalability, performance, or maintainability.
* Provided time estimates, progress status reports to Managers and peer Architects in order to foster effective communication and coordination throughout the project life cycle

*System Design & Implementation:*

* Developed a next generation application involving multiple user-screens for using the .NET Framework 4.0 and WPF.
* Handled all aspects of data binding from the core API to the UI, including designing the UI to bubble up API data changes to the UI.
* Implemented various multi-threading/synchronization techniques for all Windows/WPF applications developed our team.
* Followed the Model-View-ViewModel Design Pattern to facilitate the separation of the visual layer from the model layer and business logic.
* Deep understanding performance related issues in a multi layered/multi-threaded environment
* Developed a common logging framework leveraging Log4Net for all applications developed by our team.

##### System Testing, Debugging, Deployment:

* Leveraged extensively WPF Inspector and Snoop for WPF troubleshooting.
* Experience with Microsoft Visual Studio 2012/2010 Automated Unit Testing.
* Experience with source control tool - Subversion and issue tracking tool – JIRA

#### **EMC Consulting** (<http://www.emc.com>) New York, NY

Solutions Architect 06/2006 – 11/2009

*System Analysis:*

* Leading a team of onshore and offshore developers on implementing small and large scale software projects
* Interact with clients to discuss business requirements, analyze and convert them into technical specifications
* Authored artifacts for various phases of Software Development Life Cycle (SDLC) as per client requirements
* Actively participate in strategy sessions and devise innovative solutions which suit client requirements
* Develop a quick understanding of client business objectives and strategy and demonstrate a high level of competence in identifying client / target risk by using sound judgment
* Analyze business processes, and serve as a technical liaison between the management and the development team

*System Design & Implementation:*

* Primary lead on the design /development of an Outlook Compliance Tool using latest Microsoft addin technologies such as VSTO. The tool enforces legal requirements for the client and has been deployed to over 50 K users
* Architected and designed a complex system using latest SQL technologies to validate the Legato Retention System currently implemented. This helped the client achieve NASD 3013 regulatory requirements
* Designed and developed a console application using VS.Net 2005 to extract data from huge flat Exchange files and create a cache file of distribution list for an Email Archiving Solution. Used new features of VS.Net 2005 such as Generics for optimum performance.
* Responsible for the complete architecture and implementation of custom web parts developed within the SharePoint Portal using C# and VS.Net 2003. Used standard design patterns to implement the solution.
* Developed complex stored procedures in SQL Server 2005 to transfer data from various SharePoint tables to a view which could be used by the custom web part.

##### System Testing, Debugging, Deployment:

* Responsible for implementing processes in place for software components such file bugs with clear repro steps, create clear defect and test coverage reports, and validate bug resolutions.
* Practiced coding standards that are readable, modular and easily modifiable for business objects and data access components and participated in periodic code reviews to ensure high quality and consistent coding practices
* Involved in configuration the development environment to ensure the products released by Dev Team are production ready

#### **Liberty Travel & Gogo Worldwide Inc.** (<http://www.libertytravel.com>) (http://www.gogowwv.com) Ramsey, NJ

Sr. Developer / Lead Analyst 10/2004 – 05/2006

*System Analysis:*

* Primary Lead in design, develop, test, debug, implement, document, and maintenance of new web applications and major new versions of existing web applications.
* Formulated systems to parallel overall business strategies and worked closely with the development group throughout the project lifecycle to ensure the delivery of a quality project. Duties included working with customers and programmers in the design, development, testing and implementation of web and client/server based systems.
* Responsible for set-up of Component Architecture Diagram and standard design template for all WPF projects undertaken by our team.
* Closely worked with the Web group to implement sound application architecture principles in all aspects of software development.

*System Design & Implementation:*

* Developed efficient code for the presentation (ASP.NET, HTML), business logic (components), and data (database SQL, stored procedures, triggers, functions, etc.) layers to create robust, flexible, scalable, low-maintenance and cost effective architecture. *Technologies****:*** *ASP.NET, C#, XML, AJAX, SQL Server 2000*
* Designed ASP.NET Web forms and programmed code-behind files that references classes at the business tier for an internet application based on 3-tier Web architecture
* Worked extensively with XML for data interchange among disparate systems as it is platform independent
* Worked on full project life-cycle of business-to-consumer intranet application
* Extensively worked on MTS, DCOM technology also to improve performance of websites
* Hands-on experience on IIS to fine-tune configuration of websites to perform better under heavy load
* Involved in Data Model discussions, Database Design discussions for web applications developed in ASP.
* Acted as lead programmer on various enhancement projects to improve the system usability of existing websites

##### System Testing, Debugging, Deployment

* Configured Gemini - a bug tracking tool to monitor fixes and consolidate weekly work of the Web Development group for easy and manageable code across environments
* Responsible for deployment to QA / Prod environment, integration and maintaining applications using VS 6.0
* Configured the debugging environment in Visual Studio.NET to resolve the defects in the code by tracing and exception handling
* Implemented and maintained visual reporting tool for management & developers to analyze data from error logging

#### **The City of New York – Human Resource Administration** (<http://home.nyc.gov/html/hra/home.html>) New York, NY

Sr. Programmer / Systems Analyst 03/2002 – 09/2004

*System Analysis:*

* Managed eForms initiative that included developing and deploying electronic fillable forms developed in .Net, ASP, VB using organization wide document management system based on FileNet Technology
* Interacted with end-users to analyze the requirements for the eForms system, designed and published project plans, and assigned timelines to implement the system
* Actively involved in conceptualizing the complete Multi Language Solution (MLS) for Paperless Office System (POS) projects which would automate the form-filling process and dynamically generate a word complement of the English form in 9 different languages

*System Design & Implementation:*

* Designed & implemented eForms solution for Adult Protective Services (APS) using Content Management System by developing ASPX pages having functionality to get data from database, launch & populate eform using complex data-binding features of .Net
* Expertise in designing COM using ActiveX DLL and EXE, Active X Controls, COM+ and implemented a COM based solution that integrates FileNet eForms and Image Services with legacy systems to make them lawsuit compliant
* Developed a middleware that parses and extracts XML data stream to communicate information between two applications which is used by welfare program area systems on different environments
* Responsible for complete development and implementation of a Data Collection System using DHTML, CSS, ASP, VBScript & JavaScript. Was also involved in database design, implemented front-end GUI interface, Data entry forms and wrote SQL Queries
* Created complex database objects, transactions, DTS packages, indexes, stored procedures and job schedules in SQL Server 2000

##### System Testing, Debugging, Deployment

* Thoroughly tested and successfully deployed various components interfacing with Enterprise Content Management
* Mentored junior developers and prepared technical documentation to assist them in maintaining & understanding the existing code

***TATA Engineering & Locomotive CO. LTD. (TELCO)*** (<http://www.tatamotors.com>)Pune, India   
Software Engineer 01/2000 – 01/2001

Telco is India’s largest automobile manufacturer. Working with the Project Manager, I was responsible for analysis and evaluation of processes performed by each unit and recommend solutions to make internal units work cohesively.

* Headed the project “Better Automation within the IT Department” from conception to implementation to meet ISO 9000 standards
* Worked with internal departments for integration of their systems to facilitate seamless data transfer between them
* Involved in business aspects of project management such as cost accounting, business policies and strategic management

### Education

###### **Zicklin School of Business, Baruch College, CUNY** New York, NY

* Masters in Business Computer Information Systems (GPA 3.74/4.0) 09/2001 –05/2003

##### **Maharashtra Institute Of Technology** Pune, India

* Bachelor of Engineering in Mechanical: Graduated with Distinction (Honors) 06/1996 – 06/2000

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| **Senior WPF Developer** |
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| location:   **New York** |  |  |
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| Job Code:   **17** |  |  |
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| # of openings:   **1** |  |  |
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| **Why Infusion?**  Infusion has been working as onsite experts at many of the largest investment banks in Midtown and Wall Street since 1998. We have built a wide range of systems ranging from FX and Risk Management to Credit and Equities. If want to get your foot in the door at an investment bank or a hedge fund or you already have experience in Financial Services then we are interested in speaking with you. Our onsite consultants our generally brought onboard to build innovative systems for the banks from the ground up.  **Job Description**  You will sling code and help build out an industry leading trading system. You work with and hone your .Net expertise in a consulting environment, deliver critical projects and components for one or more of our Fortune 500 clients and work face-to-face with clients to identify requirements, create architecture, and implement innovative solutions  Let it be known that your technical prowess and clear communication can get you where you want to be. With that, you've earned this opportunity to work with us, and to enjoy the international flavor of the consulting company cupcake. Bon Appétit, future Infusionite; bon appétit.  **Key Requirements:**   * Extensive experience with design and development using .NET technology * Expertise of WPF with the ability to design, organize, and implement modules; create product testing plans; perform system testing and support; and maintain existing systems. * Established experience with Composite Application Block, (CAB) or Model-View-ViewModel (MVVM) pattern. * Strong design skills and the ability to work independently and in a team setting. |  |  |