

## NAZAR ABBAS RIZVI

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**SUMMARY:** Hands-on technology developer, mentor and innovator with 7+ years of experience in developing high performance, scalable software applications and systems across a variety of platforms through a combination of leadership, teamwork and direct contributions. I have worked along-side technologists with expertise in many areas including software development, transactional databases, and quality assurance and project management following Agile Methodology.

### PROFESSIONAL PROFILE:

- 7+ years of experience in design, development and implementation of Object Oriented Applications, Client/Server Application Architecture, Windows Services, Web Applications with proficiency in Object-Oriented Analysis and design.
- Working as an Application Developer at Q Interactive (FKA CoolSavings), a leading Lead Generation and Email Solution providing company. Job responsibilities include following Agile and Test-Driven Development methodologies to develop highly scalable systems and applications using ASP.NET with C# and SQL Server.
- Won 'Employee of the Year' award for 2009 at Q Interactive.
- Worked at Laboratory for Integrated Development and Technology (LILT, Illinois State University) as a Developer. Job responsibility included converting client requirements to technical specifications, developing Web Applications using .NET, designing Databases and writing stored procedures for SQL Server 2005.
- 5+ years of .NET experience on C#, VB.NET, ASP.NET, ADO.NET, and SQL Server.
- 5 years of experience in database design: ER modeling, normalization, SQL, stored procedures, triggers.
- Proficient at developing .NET applications using Web Forms and Windows Forms.
- Expertise with developing Windows Services and WCF services.
- Experience with Developing and Consuming XML based Web Services (SOAP), WCF, WPF using C#.NET.
- Experience with MVC and MVP approaches as well as use of Interfaces.
- Experience in working with AJAX techniques alongside REST (use of AJAX control toolkit with .NET).
- Expertise in efficient usage of Inversion of Control (IoC). Used Spring.Net framework and Unity.
- Utilized the facebook platform API (FBML, FBJS and .Net Facebook Application kit) to develop applications for facebook.
- Thorough knowledge of iPhone development; and Android based development for G1 (Google Phone). Have already made couple of applications for each.
- Experience with Authentication and Authorization .NET security mechanisms, ADO.NET components, Creating Roles and assigning Roles to users using Share Point Portal Server 2003.
- Experience with Telerik and Infragistics User Interface Components.
- Worked on applications using various other programming languages including ASP, PHP, JSP, Voice XML, DHTML and JavaScript.
- More than a programmer/developer due to advanced study. Coursework included – System Analysis & Design, Project Management, Database Management, and Web-based application development (ASP.NET, ASP, PHP, XML, Voice XML, and JSP).
- Thorough knowledge of software development processes including requirement gathering, software architecture, feasibility analysis, designing applications using Object oriented and traditional design diagrams like use-cases, use-case description, class diagram, sequence diagram, ER diagram, etc.

### EDUCATION:

- MS, Information Systems, Illinois State University: December 2007, GPA: 3.5/4.0
- Bachelor of Science, Electronics and Telecom, Osmania University, Hyderabad, India: May 2005, GPA: 3.6/4.0

### CERTIFICATIONS:

- Microsoft Certified Application Developer (MCAD)
- Microsoft Certified Professional (MCP)

## TECHNICAL SKILLS:

Languages	Microsoft C#, VB.NET, Visual Basic 6.0, C, C++, Objective-C, Java, SQL, PL/SQL, T-SQL
Web Technologies	ASP.NET 1.1/2.0/3.5, ASP 3.0, PHP, DHTML, XML, XSL, CSS, AJAX, MS Silverlight, WCF, WPF
Scripting Languages	JavaScript, VB Script, Action Script(Flash)
XML Technologies	XML, XSL, XSLT, XPATH, SOAP, WSDL, UDDI, Web Services
RDBMS	MS SQL Server 2005 and 2000, MS Access, Oracle 9i, IBM DB2, MySQL 5.0, LINQ
Packages	MS-Office, Dreamweaver, Adobe Photoshop
Architecture Patterns	Model View Controller (MVC)
Inversion of Control	Spring .Net Framework, Unity
Content Management	Ektron
IDEs	Visual Studio 2010 RC, Visual Studio 2008, Visual Studio 2005, Visual Studio 2003, Eclipse 3.2, Microsoft FrontPage 2003, Macromedia Dreamweaver 8, Adobe Flash 9, XCode
Reporting Tools	Crystal Reports, SSIS Packages, SSRS Packages, Office Web Components
Modeling Tools	UML, MS Visio 2007, Rational Rose 2002, MS Project 2003
Version Control	Team Foundation Server, Visual SourceSafe, Tortoise SVN
Operating Systems	Windows NT/2000/XP/Vista/Seven, Linux (Ubuntu), Mac OS X
Mobile Development	iPhone and Android (Google Phone G1)
Social Development	Facebook Applications and knowledge of Twitter API

## PROJECTS:

### Projects at Q Interactive (FKA CoolSavings, Inc.):

*Jan 08 – Present*

- Q Interactive is a digital marketing services provider specializing in lead generation, e-mail and display solutions.
- Worked on implementing enhancements as well as maintaining the existing Q Interactive product line.
- Developed into an excellent technology mentor. Other development associates relied on my assistance and guidance on technical matters.
- Majority of the software, which I work on at Q Interactive, are web-applications and high-end performance windows services.
- Was responsible for the launch of a complete new product Social Advertising Solutions (Social Currency). Did the initial product and market research, made a fully featured presentation to the company, later on assisted in the software architecture and developed the project with a team leading to a successful launch.
- Developed key pieces of Email Solution (Consists of large number of windows services); one of them was to increase the performance by 10 fold. Making the applications multi-threaded and use connection pooling achieved this. Other products later on utilized this code-base.
- Architected the Physical Address Validation project and handled the vendor communication, internal business communication and technology work.
- Decreased the latency of interaction with third parties by making the synchronous communications asynchronous.
- Site Support/Availability/Uptime were other requirements of the position.
- Created and consumed WCF, WPF and SOAP web Services.
- Converted .Net 1.1 Applications to .Net 2.0 and .Net 3.5.
- Introduced newly researched skills and technologies to Q Interactive.
- Followed Test-Driven Development, and wrote tests for the developed code.
- Handled portions of the user interface development when media developers were unavailable.

**Role:** Application Developer

### Responsibilities:

- Working in a big team with projects having deadlines in a fast-paced environment.
- Developing various web forms, windows forms for the projects.
- Developing windows services and providing support for them.
- Architected few projects following Agile Methodology.
- Building and consuming Web Services using SOAP and WCF.
- Working with 3<sup>rd</sup> party clients.

**Environment:** C#.Net, ASP.NET 3.5, ASP.NET 2.0, ASP.NET 1.1, MS Visual Studio 2008/2005/2003, SQL Server Management Studio, SQL Server 2008/2005, TFS 2008/2005, Visual SourceSafe, MVC, Spring.Net, Unity, SOAP, WCF, WPF, XML, XSLT, CSS, JavaScript, AJAX.

### **SEVEN 2007:**

*Jun 07 – Jul 07*

Seven 2007 is a web based application where in the students and faculty of Illinois State University login to the system and register for events to score points. The Seven dept. issues prizes every week for the user with maximum number of points. Other features of the system include adding friends, viewing their points, changing profile image, a community which includes a forum (basically all the features of a social group like facebook). Also various roles and memberships needed to be managed.

**Role:** Application Developer

**Responsibilities:**

- Developed business use-cases, class diagrams, ER diagrams.
- Implemented the CSS style sheet designed by the artists into the MasterPages.
- Designed the database architecture and normalization model.
- Developed various web forms for the project, with necessary validations and role-management, authentication based on LDAP.
- Used ASP.NET AJAX (Ajax control toolkit) techniques to improve performance and features.

**Environment:** C#.Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005, CSS, JavaScript, AJAX.

**Link:** <http://www.seven.ilstu.edu>

### **Politics and Government Job Application System:**

*Jun 07*

The department to Politics and Government at Illinois State University desired a job posting application for hiring new faculty. The system requires user to register fill out various forms, upload their bio along with reference letter info. After submitting the system sends out an email with a form for the reference to fill out. The system also has the admin aspect where in the admin can go through the applicants.

**Role:** Application Developer

**Responsibilities:**

- Developed business use-cases, class diagrams, ER diagrams.
- Implemented the CSS style sheet designed by the artists into the MasterPages, and edited various data controls to match with the CSS.
- Designed the database architecture and normalization model.
- Developed various web forms for the project, with necessary validations and role-management.
- Used ASP.NET AJAX (Ajax control toolkit) techniques to improve performance and features.

**Environment:** C#.Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005, CSS, JavaScript, AJAX.

**Link:** <http://www.lilt.ilstu.edu/pol/jobs>

### **CAS Intranet System:**

*Jun 06 - Present*

CAS Intranet System is a Web based intranet system for the College of Arts and Sciences at Illinois State University. The system maintains the data of the faculty and staff, departments, course schedule, grades. The system is linked to the other department websites to pull out the faculty info. The system varies depending upon the roles and memberships. New features are added to the system depending upon the requirements.

**Role:** Application Developer

**Responsibilities:**

- Developed business use-cases, ER diagrams.
- Developed various web forms for the project, with necessary validations and role-management.

**Environment:** C#.Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005.

**Link:** <http://www.lilt.ilstu.edu/casintranet>

**Biology Event System:***Mar 07*

The department of Biology required a system where administrators would maintain all the previous and up-coming events. The admin would be able to add upload and other features of events. Also an RSS feed is generated which could be used by other applications.

**Role:** Application Developer

**Responsibilities:**

- Designed the database architecture and normalization model.
- Developed various web forms for the project, with necessary validations and role-management.

**Environment:** C# .Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005, CSS, RSSToolkit, RSS.

**User-Interface and Design (WUI GUI project):***Spring 07*

The project involved redesigning the user-interface of one of the existing websites. The WUI GUI project deals with the redesigning of the Illinois State University admission's application site, which would provide a consistent, easy to use website for all prospective students applying for admission to Illinois State University. Various tasks like defining personas, comparative analysis, low-fidelity, high-fidelity prototypes, and pilot usability study were done.

**Role:** Programmer and designer

**Responsibilities:**

- Designed the group website and the final redesigned website (CSS and graphics)
- Involved programming in PHP and creating other prototypes.

**Environment:** Dreamweaver, Photoshop, HTML, JavaScript, CSS.

**Link:** <http://138.87.44.11/XF367130/index.htm>

**Admissions Online application:***Spring 07*

The online application is used by prospective students to apply for admission at Illinois State University. The application has various forms and students can save the application and submit it later in future.

**Role:** Programmer and designer

**Responsibilities:**

- Developed various forms with necessary validation and authentication.
- Integrated the forms with a CSS designed.

**Environment:** Eclipse (IDE), MySQL database, PHP, Adobe Photoshop, JavaScript, CSS.

**LILT Grade System:***Dec 06*

A grade system was designed where in the professors would be able to add courses taught by them, upload a excel grade file for students and upload syllabus. The students would be able to login and view their grades.

**Role:** Application Developer

**Responsibilities:**

- Implemented the CSS style sheet designed by the artists into the MasterPages, and edited various data controls to match with the CSS.
- Designed the database architecture and normalization model.
- Developed various web forms for the project, with necessary validations and role-management (i.e. for both faculty and students)

**Environment:** C#.Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005, LDAP.

**Link:** <http://www.lilt.ilstu.edu/grades/faculty>

**ICSPS Networking Directory:***Aug 06 – Sep 06*

Designed the networking directory for Illinois Center for Specialized Professional Support (ICSPS), where in the administrators and users would be able to add and maintain organizations, regions and the respective members depending upon their role. The normal user would be able to browse through the directory and perform a search. Also reports were generated so that ICSPS would be able to publish a hardcopy of the network directory.

**Role:** Application Developer

**Responsibilities:**

- Designed the database architecture and normalization model.
- Developed various web forms for the project, with necessary validations and role-management.
- Generated reports and forms using MS access to create them

**Environment:** C#.Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005, MS Access.

**Link:** <http://www.icsps.ilstu.edu/directory/search/networkDirectory.aspx>

**Podcasting:**

*Jun 06*

The system would allow administrators to upload new episodes of their podcast and the info regarding that podcast. The system would then publish a new RSS feed which the admin can use to ping the i-tunes server and publish their online feeds so that others can access it. It also allows admin to publish his blog.

**Role:** Application Developer

**Responsibilities:**

- Developed various web forms for the project, with necessary validations so as to match with i-tunes format.
- Used ASP.NET in-built XML and XSL functions to convert the forms into various XML files and RSS files.
- Used ASP.NET AJAX extensions for dynamically populating TextBoxes with info from the database.

**Environment:** C#.Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005, XML, XSL, XPATH, RSS.

**RedzChat:**

*Spring 06*

RedzChat is an AJAX based chat system developed for a course at Illinois State University. Users can chat with users currently online. AJAX was used extensively. Enabled user to modify GUI components. Functionality of changing font, color, style was provided along with the functionality of allowing the user to embed the chat system in their webpage. AJAX based search for registered and currently online users.

**Role:** Developer and Designer

**Responsibilities:**

- Developed some of the forms of the whole system.
- Designed the user-interface and the graphics.

**Environment:** Visual Studio 2005, SQL Server 2005, Microsoft Atlas Framework, ASP.NET 2.0, C#.net

**School of Social Work Application System:**

*Spring 06*

The School of Social Work's online application is used by prospective students to apply for admission. The application has various forms that the students need to fill out. Recommendation letters are generated and sent via email from the user's input. The application has all the features that various online systems have. The School's administrators would be able to login and generate pdf reports which were developed by using reporting services.

**Role:** Application Developer

**Responsibilities:**

- Developed business use-cases, class diagrams, ER diagrams.
- Designed the database architecture and normalization model.
- Developed various web forms for the project, with necessary validations and role-management.
- Used ASP.NET 2.0's reporting services and reporting server to generate the reports.

**Environment:** C#.Net, ASP.NET 2.0, MS Visual Studio 2005, SQL Server Management Studio, SQL Server 2005, CSS.