**Kejie Shen**

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**.NET DEVELOPER**

* Over 8 year IT working experience, 6 years enterprise web and windows application development using **.Net Framework**, **C#, ASP.NET.**
* Experience with software development life cycle (**SDLC**) and project methodologies

such as Agile, waterfall.

* Diversified business knowledge in various industries including **banking, financial service, healthcare**, **Accounting.**
* Highly proficient in developing **N-tier Enterprise Architecture** for both Windows-based and Web-Based Applications.
* Solid web-based application development experience using **ASP.NET, AJAX, CSS, JavaScript, VBScript,** and **DOM** to develop both client and server side functionalities.
* Heavy experienced with **Window Service,** and **Web Service, MSMQ**.
* Excellent Object-Oriented Programming skills in **C#, VB.NET, Java, C++,** and **C**.
* Extensive experience in **ADO.NET, T-SQL**, Stored Procedure, and **DTS** with **SQL Server**.
* Solid background in **RDBMS** design and implementation including database modeling, logical design, physical design, **ER Diagram.**
* Strong skills in database programming using **SQL, PL/SQL, T-SQL**, Stored Procedures and Packages.
* Experience in creating business analysis reports using **Crystal Report**.
* Strong knowledge in **COM+, .Net Remoting, SOAP** and **Design Pattern**
* Hands on experience in physical database implementation including creating and developing data types, advanced queries, triggers, views, indices, functions, and database integrity
* Solid experience in **UML**, data-flow, **Rational Rose**, and **DTS** package design and construction.
* Proficient in creating Use Cases, Sequence Diagrams, Component Diagrams, Collaboration Diagrams, Activity Diagrams, and Class Diagrams.
* Excellent communication skills, strong organizational skills and excellent interpersonal skills.
* Writing scalable, reliable, concise, high quality code.
* Strong ability to work independently and cooperate as a flexible, reliable, hardworking and quick learning team player.

**AREAS OF EXPERTISE**

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| --- | --- |
| Category | Skills |
| Language | C/C++, Java, .NET, C#, COM+, Visual C++, HTML, DHTML, XML, ASP, JSP, JavaScript |
| Technology | ASP.NET, ADO.NET, XML, .NET Remoting, EJB, J2EE, SOAP, N-tier Application Architecture, AJAX, .Net Framework 1.1, 2.0, 3.5 |
| Database | SQL Server 2000, SQL Server 2005, Enterprise 7.0/2000, Oracle 8i/9i,  Oracle 10g, DB2, MS Access, T-SQL, SQL, PL/SQL, SQL, SQL PLUS, ODBC, JDBC, OLE DB, DTS, Sybase |
| Operating Systems | Windows Vista, Windows Enterprise 2003/2000, Advanced Server/2005 Server, Windows XP Professional, NT 4.0 Server,  UNIX (Sun Solaris), Red Hat Linux  UNIX Shell Scripting |
| Tools  Applications | Visual Studio 2008  Visual Studio 2005  Rational Rose Enterprise, UML,  Dreamweaver, Flash,  MS Visio, Source Safe, Cruise Control.  Crystal Report 8.5/9/10, Crystal Enterprise 10  .Net Memory Profile  FxCop, NUnit  Eclipse  Toad, SQL developer. |
| Third Party Component: | Dundas Map, Dundas Chart, Infragistic Control, Microsoft Map. Google Map |
| Protocols | HTTP, TCP/IP, FTP, SOAP |

WORKING EXPERIENCE

**Applus Technologies:** http://www.applustech.com/ **Nov, 2009-Current**

**Project:** Car test data visualization. Car test data analysis. Performance tuning.

###### .Net Developer:

* Design and implement asynchronous real time data processing component..
* Tuning the Performance of reporting service.
* Real time performance auditing and tuning.
* Design and implement SSIS packages to transfer data from legacy system to new system..

Environment: Visual Studio 2005, Oracle 10g, MS SQL Server

Technology: C#, ASP.NET, ODP.net, ADO.NET, AJAX, .Net Framework 2.0

N-tier Architecture

**Founders Insurance:** [www.foundersinsurance.com](http://www.bridgenetsolutions.com) **Sep, 2008-Oct 2009**

**Project:** Auto insurance quote and policy application: apply for the auto insurance online, rate the application, generate quote and policy documentation.

###### .Net Developer:

* Auto insurance application.
* Maintain the application of PDF reports builder generated by PDF reports engine.
* Add new feature to the Auto Rater component.
* Tuning the Performance of Crystal reports by modifying the store procedure.
* Write SSIS data migration package.

Environment: Visual Studio 2005, SQL Server 2000, DB2, Sybase, Cruise Control, Crystal Enterprise 10

Technology: VB.NET, ASP.NET, ADO.NET, AJAX, .Net Framework 2.0,

N-tier Architecture enabling SOA, SOAP protocol.

**BridgeNet Solutions:** [www.bridgenetsolutions.com](http://www.bridgenetsolutions.com) **Oct, 2006-Aug, 2008**

**Project:** XONAR® Manage complex supply chains with Xonar®, the network spend data analytics and planning solution that uses advanced optimization technology to give you a global view. Optimize your supply chain with a comprehensive assessment of the shipping processes and practices, then benchmark the expenses and compare them to best-in-industry standards.

###### .Net & SQL Developer:

* Analysis the requirement.
* Write the documentation of requirement and implementation.
* Design the webpage view and implement the front side layer by Dreamweaver.
* Design the chart to display the daily, weekly, monthly reports by Dundas Chart and AJAX.
* Design the customer control.
* Implement the Control loader and NUnit test.
* Design the architecture of whole application.
* Implement the component of all application.
* Design and implement web service of data analysis service.
* Tuning the performance of whole application.
* Research the new technology of Map, Charts, control of Visualizing data.
* Maintain the application.
* Created SSIS packages to clean and load data to data warehouse
* Created SSIS package to automate maintenance, database back up, update statistics data.

Environment: Windows Enterprise 2003, Visual Studio 2005, Visual Studio 2008, SQL Server 2005, Source Safe, .Net Memory Profile

Technology: ASP.NET, VB, ADO.NET, AJAX, .Net Framework 2.0, N-tier Architecture enabling SOA, SOAP protocol.

**Javadive Technologies Inc**: ([www.javadive.com](http://www.javadive.com)) **May, 2006 –Oct, 2006**

**Project:** Maintain the UTC Enterprise Web site. (www.utc.com) Use the Plumtree Enterprise Web Suite as the Portal framework to support the implementation.

###### .Net Developer:

* Maintain and design the database. Update the View of the web page.
* Administrate the Plumtree system, integrate the new portelet.
* Implement the web page. Write the report.
* Add new feature to the website.

Environment: Visual Studio 2005, Oracle 11i, Toad

Technology: C#, VB.net ASP.NET, Net Framework 2.0. Atlas.

**Nuwell Technology** : ([www.nuwelltech.com](http://www.nuwelltech.com)) **May, 2003 –April, 2006**

**Net Architect/Developer**

It includes billing software for healthcare providers of various specialties, payment module, inventory module, HR module, encounter module, accounting module, finance module… Easily manage patient data and insurance information, process electronic claims, schedule appointments.

**.Net Architect**

* Collected user requirements and deeply understand the dataflow.
* Write the documentation by Visio.
* Compare the different n-tier design to implement the web application and windows application.
* Analysis the Accounting System, Billing system.
* Design the database architecture. Trace the database by the user case.
* Design the UI, business logic, data access layer for each module.
* Design the frame work for the whole system.
* Design the report format.
* Design and implement the tool to generate the code.

###### Sr. .Net Developer

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* Implemented Data Access tier using **ADO.NET** technology
* Developed Presentation tier and Business tier.
* Write the store procedure, trigger, views and functions. Tune the store procedure and optimize the whole database.
* Use .Net Memory Profile to tune the application.
* Implement Window service of Fax Component by Multithread Technology.
* Created a Windows Installer using Install Shield 9.0

Environment: Windows Enterprise Server 2003, IIS 6.0, .NET Framework 1.1, 2.0, SQL Server 2000, ASP.NET, C#, VB, ADO.NET, JavaScript, DOM, Visual Studio .NET 2003,

Technology: ASP.NET, ADO.NET, .Net Framework 2.0, N-tier Architecture enabling SOA, SOAP protocol.

**Wayne state university, Detroit, MI Jan, 2003– April, 2003**

**Developer**

**Project:** Use the JSP, Oracle database to show the algorithm of image processing result. (Website design) **Content-based image retrieval** (**CBIR)** the search makes use of the contents of the images themselves, rather than relying on human-inputted [metadata](http://en.wikipedia.org/wiki/Metadata_%28computing%29) such as captions or keywords.

* Design and implement the database to describe the image feature.
* Design the website to show the algorithm of Image processing: Classification of image and searching the image.
* Retrieve the image from the feature of the image.
* Design the image pattern match algorithm.
* Create detailed printed pages with textual data and charts using the Java 2D Printing API.
* Use JDBC technology to implement the data access.

Environment: Eclipse, Oracle 9

Technology: Java, JServlets, JSP.

**Harbin Yuanda Company, China, January, 1997 – Dec, 1999**

**Programmer/Analyst**

**Project:**

* checkers game strategy case design, strategy optimization. This game can play with human beings.
* Temperature controller design.
* Design statistics data analysis [software and applications](http://rd.business.com/index.asp?bdcu=http%3A%2F%2Fsigmaxl.com%3Ftrackcode%3Dbizcom&bdcf=f31c6df2-917d-11d4-8f8a-00d0b74736e1&bdcr=34&partner=bdc&bdcz=il.l.ml.e&bdcs=C1233B9B-8A0C-44D8-B457-4EBC1FC87E6C20063298506543_alpha&bdcp=e902efe2-14d1-470c-86c3-1b437cdcf371&mkt=46709&mkw=s%5Fstatistics+software%5F444557229&bdck=628289c6-48fb-4397-9a3a-3a80720a871e).
* Design checkers game strategy. Use VB
* Temperature PLC real-time control Algorithm design, Movement control Algorithm design and implement the control system
* Includes modeling for multilevel modeling and generalized linear regression. Non-linear analysis modeling, Factor analysis. Display the analysis result.

**EDUCATION**

* Master degree of Computer Science of Wayne State University, Detroit, MI., U.S.

2003.

* Bachelor degree of Computer Science of University of Windsor, Windsor, ON, CA. 2002