

# Daming Li

## Senior Developer - Builders First Source

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### WORK EXPERIENCE

#### Senior Developer

Builders First Source - Dallas, TX - May 2013 to Present

Project: Inventory Items Management is a Web based application that provides user to manage the inventory items/Attributes/Attribute Values/Major Category/Minor Category, the technology was used in the project ASP.NET MVC 4.0, jQuery, Signal-R, LINQ to SQL and SQL Server.

Random Length History is a Web Based application, it supports user to upload .CSV file to database, and provide the graphic for the user with a excel file. The technology was used in the project ASP.NET MVC 5.0, jQuery, ADO.NET, Stored Procedures and SQL Server.

#### Senior Interactive Developer

Epsilon - Irving, TX - August 2010 to May 2013

Project: Pre-Arrival Email is a batch processing application that supports to process the raw data and build emails for customer who booked room. The technology was used in this project is .NET Framework of WPF, Parallel Tasks, LINQ to object, and LINQ to XML.

Implement/Change/Support the front-end, the middle tier components and back-end. Develop/Improve VB 6.0 applications. Develop/Improve WPF/Win form applications, Windows services, Web Sites by using ASP.NET MVC 3/4, C#/VB.NET, ASP.NET Web Form, ADO.NET, Oracle ODP.NET, MSMQ, SQL Server and Oracle SQL Developer. Being responsible for team software installation, providing software solution; solving software issues/bugs.

#### Senior Software Engineer, at American Airline

Fort Worth - June 2010 to August 2010

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Analyzed/Designed/Implemented/Tested/Supported an ASP.NET Web application for Cargo driver check-out by using ASP.NET Web form, JavaScript, C#, for business layer and the Stored Procedures at the backend.

#### Senior Software Engineer

Fort Worth, TX - April 2010 to June 2010

Projects: Locomotive Checkout is a Windows Service application, and Server Monitor Client is Windows Form application running as Control Monitor to process the checkout procedure. The used technology includes Stored Procedures on SQL Server 2008, .NET Remoting, Negotiate Stream, Stream Socket and multi-threading;

Radio Emulator, Acting as Server and Client to communicate with other applications, WPF, Negotiate Stream, Stream Socket and multi-threading technology are used.

#### Senior Software Engineer

Table Top Media - Dallas, TX - August 2009 to April 2010

This is an Agile/Scrum working environment, whole team included team leader, total 6 people.

All of team member meet together every morning.

Projects: POS Integration, Integrating data with multiple POS terminal, and uploading data to company's database by using WCF services and the XML Serialization/De-Serialization to exchange data with POS; built installation packages for each POS Plug-ins component by using WIX (Windows Installer XML).

Projects: Software components upgrading via Web pages that supports to upload software packages/media files by using ASP.NET, AJAX, JavaScript in front, C#, LINQ for business tier/layer and the Stored Procedures at the backend, and providing WCF services for client to consume.

## **Team leader**

Spotbox for Video Delivery - Irving, TX - June 2001 to August 2009

TX)

Started working from a developer to Team leader, took responsibility for the Spotbox project, coordinated with BA and QA to control the project progress, five developers worked together.

Projects: Satellite Parameters Synchronization: provided WCF services for synchronizing the changed parameters, and saving/updating/deleting to SQL server, and forcing client to get the Global Parameters.

Projects: Spotbox for Video Delivery/Show/Play

Analyze/Architect/design/support entire delivery system that included multiple Windows Services combined multiple applications and integrated whole system.

A media Management is a Windows Service application, which has multiple threads to maintain the disk space, to move media files to the destination and some other functions, using C#, .NET multiple Threading, .NET Remoting, TCP/IP Stream Socket; heart Beat Report is a Windows Service application, which sends the metadata/configuration/Health data over Internet by using C#, .NET HTTP/HTTPS Web Request/Response, TCP/IP Stream Socket; Internet Management Control is a Windows Service application, which checks Internet connection over LAN/Modem using C#, .NET HTTP/HTTPS Web Request/Response, multiple threading, Stream Socket (TCP/IP); Software Upgrade Monitor is a Windows Service application, which constantly monitors incoming executable files; the multiple working threads are used to launch the executable files. Using C#, .NET File System Watcher, Multiple, Threading; Log Server is a Windows Service application, which provides for other Windows Services or modules to log out the information/Warning/Debug/Error messages using C#, .NET 2.0/3.5 Remoting, UDP/IP Datagram Socket; Video Water Mark checking is a Windows Service application, which checks the Water Mark in a video spot using C#, .NET delegate, Timer event, multiple threading, Threading Concurrency; Metadata Exchanging is a Windows Service application which exchanges the metadata with SQL Server 2000/2005 using c#, .NET Web Service, XML; Web Pages shows metadata for delivered video spot by using C#, .NET, ASP.NET, JavaScript, SQL-Server 2000/2005 and IIS; Unpacking Utility is a utility to unpack a XML file that contains metadata for a video spot using c#, .NET XML Serialization/De-Serialization, ADO.NET, SQL Server 2000 express; Video Spot Analyzer utility is used to analyze a video spot to understand video type (SD/HD) using c#, .NET File stream; Configuration Component is assembly DLL to be built as COM component using C#, .NET COM Interoperability, and Registry Accessing, GAC and REGASM utilities

Projects: Java Internet base of Audio: Analyses/Design/Implement/Testing whole software system architecture with other team members, response for Engineering Response Document; designed communication protocol by using XML, the following software language/tools are used: Java, JavaScript, JSP, Apache Tomcat, Struts, Ant and MySQL Weblogic Server Provide assistance in system administration tasks.

Projects: A video received confirmation:, architect of the system, designed/implemented client/server side framework, a client application running on Linux issues confirmation URL to server, and a Java based application running in server side receives an incoming HTTP request and invoke an EJB object to update the database table to complete the confirm process.

Projects: An Internet based of audio delivery: Design/Implement for new features and utilities by using C++, MFC, JavaScript, VB Script, HTML, Perl; maintain/upgrade whole software components including delivery service, Web HTTP service and some utilities, responsible for designing/implementing the software components installation by Install Shield and Install Shield Dev. studio.

Projects: A Web based Order Entry System project, designed/implemented a module of the user administration, multiple tiers architecture has been employed, the following software technology: J2EE, EJB, XML and Apache Struts have been adopted in the project.

## EDUCATION

### **Master of Mechanical Engineering**

KOUGAKUIN University

### **English, Japanese**

Shanghai College of Chemical Industry - Tokyo, JP

## ADDITIONAL INFORMATION

### Skill Summary:

- With over 10 years successful working experience in software Design/Development/Testing
- Worked in Scrum environment as a Team Lead and Sr. Developer.
- Responsibility includes: writing engineering document and high-level design document based on requirements, design software module by using OOD methodology.
- Strong analysis, design and problem solving skills; having ability of strong troubleshooting and problem solving, self-motivated, fast learner of new technology and strong teamwork.
- Object Oriented Design and Programming, UML, Design Pattern.
- Fluent in English, Japanese (Native Level) and Mandarin (Native)
- Major skill set .ASP.NET MVC 3/4, JQuery, .NET Framework 1.1/2.0/3.5/4.0/4.5, Visual Studio 2003/2005/2008/2010/2012; C#, C++, Java, ADO.NET, VB.NET, VB6.0, SQL, C Runtime Language, MVC 3.0/4.0, WCF, WPF, Web Services, Win Form, .NET Remoting, MSMQ, GAC, .NET COM Interoperability, Socket Programming (TCP/IP, UDP), Multi-Threading, Windows Service, HTML, CSS, JavaScript, jQuery, XML/XSLT, WIX, Install Shield, Window's Installer, SQL Server(2000/2005/2008/2012), SQL Server Management Studio, Oracle SQL Developer, MFC, Template, COM/DCOM.
- Multi-process/Multi-thread programming
- Major Skill in J2SE/J2EE, Eclipse IDE, Apache Tomcat, Struts, Ant and MySQL, Weblogic Application Server, Caster XML Serialization/De-serialization.