                                                       Ying Yee (“Bill”) Yao

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**Summary of Qualifications**

 \* 23 years of applications development using .NET Framework, .NET Core, OOP principles,

SOLID principles design patterns, and dependency injection for SDLC.

\* Creative web developer dedicated to building and optimizing the performance of user-centric,

high-impact websites for nationwide companies.

\* Contributed to the development of an SPA using React, enhancing the overall streaming experience and

user satisfaction.

\* Hands on experience on Microsoft Azure Cloud and Azure Cosmos DB.

\* Hands on experienced with Window Service, Web Service, MVC, Restful API, and Rabbit MQ.

\* Hands on experience on SQL server with database modeling and SSIS.

\* Hands on experience on Multithreading and Reflection programming.

\* Hands on experience on ASP.NET, AJAX, CSS3, JavaScript, jQuery, AngularJS, and VBScript.

\* Hands on experience on TDD (NUnit XUnit,MSTest) for unit testing.

\* Proficient in creating Use Cases, Sequence Diagrams, Component Diagrams, Collaboration Diagrams, Activity

Diagrams, and Class Diagrams.

\* Hands on experience on Azure DevOps and Jenkins CI-CD Pipeline in different environments.

\* Strong ability to work independently and cooperate as a reliable, hardworking and team player.

**Skills Summary**

Languages                 C#, Java, VB.NET, T-SQL, NoSQL

Web Technologies  MVC, REST APIs, Blazor, React, WCF, WFP, AngularJS, Azure Cloud

Data bases                MS SQL Server 2018, MS Cosmos DB.

Tools                       Visual Studio 2022, .NET Core 8, Git, SSRS, Selenium, Crystal Reports, Power BI

Splunk, AJAX Telerik, Infragistics, DEV express

**Professional Experience**

**Senior Web Developer                                              09/21- 01/25**

**Phillip Capital Inc  Chicago, IL**

- Upgraded client portal trading web site from .NET Core 5.0 to .NET core 8.0 and that included

.NET standard SDK, Entity Framework and field validation nugget packages.

- Used clean architecture and CQRS design pattern to develop RESTful API that included JWT authentication.

- Used React to redesign user web page on the client portal MVC application.

- Optimized React components using memorization and Pure Components, which led to a measurable speed-up.

- Developed Blazor web application to upload files to the SharePoint web site.

- Developed Blazor web application for sever site and client site hosting to inquire Interactive Broker information.

- Developed window services application for file watcher to check files on the remote server and call another app.

- Created Azure Web Application and Azure functions and deployed to Azure portal.

- Azure Cloud blob store file upload and Azure Cloud data factory for data integration.

- All of above applications were developed using Microsoft object-oriented programming,

  MVC, C#, Entity Framework, JavaScript, jQuery, Azure, and SQL server.

**Senior Web Consultant                                              06/18- 08/21**

**Navistar International  Lisle, IL**

- Implemented MVC Pattern mechanism to develop program parameter web application for vehicle leasing and

selling.

- Implemented MVC Pattern mechanism to develop vehicle scan detail web application.

- Developed application to upload data from SQL server to MS Cosmos DB.

- Developed application to call AWS API to download and to upload data to SQL server.

- Developed application to use RabbitMQ to download data and to upload to SQL server.

- Used AngularJS on MVC application to display vehicle pages.

- All of above applications were developed using Microsoft object-oriented programming,

  MVC, C#, Entity Framework, JavaScript, jQuery, Angular, Azure and SQL server.

**Senior Web Consultant                                              04/16- 05/18**

**JP Morgan Chase   Chicago, IL**

- Implemented MVC Pattern mechanism to enhance Big Dipper web application to create a dip file into

OnBase for testing all the USCIS immigration forms.

- Installed Tomcat 7 as service on window server for all the USCIS environments.

- using scrum and TDD methodology to create, enhance, and testing all the USCIS immigration forms.

- Involve in all the phases of SDLC from Software Requirements Analysis Phase to Design, Development,

Testing, Integration, Implementation and Maintenance.

- All of above applications were developed using Microsoft object-oriented programming,

  MVC, C#, JavaScript, jQuery, SQL server and Azure DevOps.

**Senior .NET Consultant                                                               07/12- 03/16**

**Blue Cross Blue Shield of IL, TX, NM, OK, MT     Naperville, IL**

- Installed and configured eservices applications for all NGEN web environments.

- Managed offshore team, collect requirement from client, work with BA, QA and architect to ensure the

implementation can meet the requirement.

- Used SoapUI to test and debug all eService web service applications.

- Communicated with eService team to analyze bugs and resolve all web applications related issues.

- Developed a web page to provide log reader, config admin, user password reset, and TFS information.

- Analyzed business, functional, and technical requirements to make sure NGEN projects met expectations.

- All of above applications were developed using Microsoft object-oriented programming,

  ASP.NET, C#, LINQ, DHTML, CSS, XML, JavaScript, jQuery, and SQL server.

**Senior .NET Developer                                                               11/07- 07/12**

**Veritas Document Solutions, Inc.     Buffalo Grove, IL**

- Designed large numbers of WPF forms, custom controls, and user controls using XAML language

for UI which allows Change, Edit, and Move the content on pages as per users’ own choice.   
- Used WCF service to exchange data between Desktop and implement business logic.

- Proficient to call Web Services in Web and Window applications.

- Designed Web-based ASP.NET applications linked to firm-wide SQL database.

- All of above applications were developed using Microsoft object-oriented programming,

  ASP.NET, C#, ADO.NET, DHTML, CSS, XML, JavaScript, and SQL server.

**. NET Developer                                                                            03/99-10/07**

**LTD Commodities LLC    Bannockburn, IL**

- Modified and maintained accounting window N-tier applications.

- Developed various ASP.NET user controls, Custom Controls for the ASP.NET forms.

- Created prototype and production-level object-oriented applications throughout software

development lifecycle, including design, modeling, coding, testing, and documentation.

- All of above applications were developed using Microsoft object-oriented programming,

  ASP.NET, VB.NET, VB6, ADO.NET, DHTML, CSS, XML, JavaScript,and SQL server.

**Certification**

Microsoft Certified Solution Developer (MCSD)                                                        12/05

Microsoft Certified Application Developer MCAD)                                                 08/05

**Education**

B.S.  Business Administration, Brenau University, Augusta**,** GA                      09/92

Diploma Data Processing, Augusta Technical College, Augusta, GA                         10/88