

Ailing Yoon

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Summary

- 12 years of total experience in software design, development and implementation of desktop and web applications.
- 5 years of experience in multithreading client-server applications.
- 4 years of experience in design architecture.
- asp.net WebForms(5 years),. asp.net MVC razor (2 years), web API(1 year)
- C#(5 years), Javascript(6 years), JQuery (2 years)
- VB6/VB.NET desktop applications (7 years).
- XML (5 years), JSON.NET (1 year), T-SQL(8 years) , PL- SQL (6 years)
- Web Services (3 years) , Html(6 years), CSS (not much)
- JIRA Agile, NuGet, Entity Framework, Dapper ORM
- TFS (12 years), RDLC Report, Telerik components MVC version(not much), Bootstrap (not much).
- PLC Communication using .NET.

CERTIFICATOINS

MCSD Certification (Exam 70-483): Programming in C#

MCSD Certification (Exam 70-480): Programming in HTML5 with JavaScript and CSS3

Education

**Chaoyang University of Technology, Taichung,
Taiwan**

Graduated June 1999

Bachelor's Degree, Business Administration

Professional Skills

Team Work	Intermediate
Creativity	Competent
Organization	Advanced
Leadership	Beginner

Employment History

Sanger Land Development LLC

Software Engineer

Dallas, Texas

October 2017 - July 2018

Sanger Land Development is a land development company whose key product is purchased Raw Land and developing the land to be residential land.

My job is developing an application to track and measure for construction projects; the application can let manager arrange the internal and external team resource plan and access to critical details related to the inventory, equipment, customers, Suppliers.....

Responsibilities:

1. Communicate with internal users to gather accurate specifications for new enhancements.
2. Assisting with work estimating based on requirements and technical designs.
3. Designing, development of software solutions using C#, ASP.NET MVC, JQuery, JSON, Dapper ORM, Entity Framework and other third-party UI components for making web applications.
4. Designing, development, and engineering of REST services (WEB API), to implement enterprise server components to communicate back-end services and database.
5. Writing well designed, testable, efficient code include architectural designing and unit test.
6. Troubleshooting performance-related database issues, performance tuning for database queries and procedures.
7. Act as a mentor to other developers with programming issues.

Asset Valuation & Marketing

Software Developer

Dallas, Texas

March 2016 - August 2017

AssetVal is an industry leading Valuation Company, whose key products include real estate appraiser, broker price opinions, inspections, and data reports. For online appraisals, I worked on improving and enhance the functionality. The application helps the thousands of real estate agents making inspection result and generate the reports.

Responsibilities:

1. Enhance and support multitier web applications (real-estate appraisals system) for internal users using ASP.NET, VB.NET, Web Services, T-SQL, JavaScript and jQuery and other third-party UI components such as DevExpress UI.
2. Design, develop, maintain and enhance systems based on business requirements using coding standards.
3. Writing SQL stored procedures, functions, writing data import/export applications. (MS SQL 2014)
4. API integration (Bing Map API).
5. Ensure front-end/back-end integration maintains overall data-integrity.
6. Troubleshooting performance-related database issues, performance tuning for database queries.

Sanger Land Development LLC

software engineer

Dallas, Texas

December 2014 - February 2016

Sanger Land Development is a land development company whose key product is purchased Raw Land and developing the land to be residential land. My job is developing an application to track and measure for construction projects; the application can let manager arrange the internal and external team resource plan and access to critical details related to the inventory, equipment, customers, Suppliers.....

Responsibilities:

1. Communicate with internal users to gather accurate specifications for new enhancements.
2. Assisting with work estimating based on requirements and technical designs.
3. Designing, development, and engineering of solutions using C#,ASP.NET WebForms, JQuery, Web services.
5. Identify data sources and the appropriate data fields from SQL server to use for reporting needs.
6. Troubleshooting performance-related database issues, performance tuning for database queries.

G-Tech Optoelectronics Corp

February 2011 - February 2014

senior software developer

G-TECH Optoelectronics Corporation is principally engaged in the processing and trading of optical glass products. The Company primarily provides touch sensor glass, optically coated glass, and thinned glass that is applied to mobile devices.

Responsibilities:

1. Participated in developing MES shop floor applications and GUI's (VB.NET winform, PL/SQL)
2. Develop and support MES interfaces to ERP, and warehouse company systems (C#, ASP.NET,PL/SQL, T-SQL, JQUERY, JAVASCRIPT)
3. Develop scripting solutions to help automate office applications such as Excel report.
4. Coordinate design and development efforts related to new system projects and support the implementation and ongoing improvement of these applications.
5. Maintain and enhance HR modules of the ERP system based on requirements.
6. Using JIRA for Agile meeting.

Taiwan Semiconductor Manufacturing, Ltd

Hsinchu

Senior CIM Engineer (software)

July 2008 - January 2011

Taiwan Semiconductor Manufacturing (TSMC), the world's largest contract chip maker. As a CIM Engineer My responsible for the supporting, maintaining and continuous improvements of assigned Computer Integrated Manufacturing (CIM) applications.

Responsibilities:

1. Participated in developing of the Preventive Maintenance System (PMS), User Interfaces (GUI) of wafer fab factory applications deployed in a manufacturing environment, using VB6.0.
2. Maintain troubleshooting and corrective action guides.
3. Develop test plans and carry out testing new application releases.
4. Plan and perform application installation during scheduled downtimes and normal operations without downtime or production impact.
5. Perform troubleshooting and corrective actions during unscheduled application downtimes.
6. Enhanced applications of Equipment Server(EAP) for the wafer fab using TIBCO RMI and WinSECS and VB6.0. EAP Equipment list: sorting and inspection, alliance(DRY), UV-10x0 and UV-12x0SE (Thin Film Measurement)
7. Knowing 200 mm / 300 mm SEMI standard.

Synergy Integration Technology, Inc.

Hsinchu

senior CIM engineer(software)

February 2005 - December 2007

Synergy Integration Technology, Inc is an Automation Expert to provide system integration services for the process and discrete control industry includes MES - Manufacturing Execution Systems, custom machine automation, and design various conveyor systems that can help move packages.

Responsibilities:

1. Developed several modules for manufacturing equipment systems in the plant to integrate, collect, and analyze data from Mitsubishi and Omron PLCs.
2. Built the ETL in SQL Server to move the data from several sources into MES database.
3. Created the SEC/GEM message exchange library and defined the XML tags to transfer data from the MES database to ERP database through IBM MQ-Series.
4. Created an operator panel and user interfaces to show the production data, engineering data, and alarm to the plant users.
5. Developed automatization equipment projects via in Ethernet and Modbus.
6. Developed an automated packaging system that bases on HSMS and SECS-II standards written in VB.NET(multithreaded) following by SEMI Standards: E5-95(SECS-II), 2. E37-95(HSMS), 3. E37.1-95(HSMS-SS)