

SOFTWARE ENGINEER

Summary

Innovative Senior Software Engineering Professional capable of providing quality design, programming, testing and documentation skills in the health care, insurance and financial services industries in a client/server environment.

Highlights

- Operating Systems:
 - Windows 7, Windows XP, MS-DOS, Linux
- Software / Languages:
 - DevExpress, Java, VB.NET, C#, C++, MS Visual Studio .NET, Eclipse, Sql Developer
- RDBMS:
 - Oracle 10g, MS SQL Server, MS Access
- Internet / Web Technologies:
 - JSP, JavaScript, ASP.NET, VBScript, HTML, XML, CSS

Experience

Software Engineer 10/2005 to 04/2013 Metrostar Systems Bloomington , IN

Software Engineer 10/2005 to 04/2013 Metrostar Systems Washington , DC

- Implemented Multi-Factor Authentication feature in home banking software.
- Worked with team of developers to implement multi-factor authentication feature into home banking software suite, providing an additional layer of security to end users of credit union's web-based home banking interface.
- Responsible for user interface enhancements, to allow credit union members to select images and a passphrase, and security questions and answers for logging in from unrecognized PCs.
- Languages: Java, JSP Systems/Applications: Web pages, business rules objects Developed eStatements enhancement in home banking software.
- Provides credit union members with ability to view, download and search account statements online.
- Worked with third party vendor to develop interface with their statement software, providing necessary encrypted credentials, calling web service, and parsing XML returned in response to provide appropriate data formatted in web page.
- Languages: Java, JSP, XML Systems/Applications: Web pages, business rules objects Implemented single sign-on interface to loan origination package.
- Gives credit unions that utilize third party home banking software ability to seamlessly connect with Fiserv's web-based loan origination software without a second authorization page.
- Modified the current loan origination software to allow calls from third party vendors, with appropriate encrypted credentials passed in to the web service.
- Software validates the member's credentials and redirects to the loan origination web application, allowing members to apply for auto, home, credit card, or other loans online.
- Languages: Java, JSP Systems/Applications: Web pages, business rules objects Created web service to import credit reports from third party vendors.
- Allows credit unions to receive credit reports from vendors and imports them into host system's database for processing.
- Alleviates the generation of unnecessary credit report requests for loan applications in cases where reports have recently been generated by another vendor.
- Web service allows vendors to send encrypted member account data and machine/human readable credit report, which is then submitted to the host system's database.
- Languages: Java, XML Systems/Applications: Business rules objects Enhanced home banking administration reporting capabilities.
- Developed several new reporting features for home banking administration's web-based interface, allowing credit union back office administrators to generate reports on member registration, usage, and authentication issues.
- Languages: Java, JSP Systems/Applications: Web pages, Business rules objects.

Software Engineer 02/2000 to 10/2005 Metrostar Systems Huntsville , AL

- Created Third Party Loan Origination application for XP2 Software Project.
- Used by over 250 credit unions.
- Worked as senior technical lead with two other developers, converting legacy code modules from C++ to C#.
- Solely responsible for design, development and conversion of credit report and auditing/reporting modules.
- Interacted with documentation department to provide user guidelines and troubleshooting guide.
- System facilitates generating loan applications, liability and assets records, credit bureau reports and credit union contact information from application files provided by third party vendors to credit unions.
- Languages: C#, C++ Systems/Applications: Application modules, business rules objects, data access objects Database: DB2 Maintained and enhanced Custom Data web pages for XP2 Software Project.
- Responsible for Custom Data functionality and enhancement in XP2 software, which provides credit unions a means of creating their own data fields for promotional, marketing, auditing or other purposes.
- Enhanced the Custom Data Administration web page to simplify the creation and maintenance of custom data fields.
- Worked with Product Design to redesign and standardize all five Custom Data web pages to provide a simple and consistent interface.
- Languages: C#, ASP.NET, JavaScript, HTML Systems/Applications: Web pages, business rules objects, data access objects, client script Database: DB2 Maintained and enhanced DSAVE (Document Storage and Viewing Ensemble) application.

- Used by over 150 credit unions.
- Led a team of three developers, delivering version 3.5 in four month's time.
- Developed numerous web page enhancements.
- Worked with configuration manager on deployment process.
- System enables credit unions to view and archive document, statements and reports, in multiple formats, to DVD.
- Languages: VB6, C++, ASP, VBScript, JavaScript, HTML, XML Systems/Applications: Web pages, business rules objects, data access objects Database: SQL Server Maintained and enhanced XP2 Software.
- Used by over 250 credit unions.
- Worked with a team of six developers to identify and resolve customer service request issues.
- Interacted with Customer Support to provide credit union users with technical support and assistance.
- Remotely accessed credit union databases to apply SQL patches to repair database tables.
- Applied changes to code to resolve defects.
- Languages: C#, ASP.NET, SQL Systems/Applications: Web pages, business rules objects, data access objects Database: DB2 Maintained and enhanced Linux Web Server.
- Administered web server containing several hundred documents, which serves as an intra-departmental document repository.
- Languages: HTML Systems/Applications: Web pages.

Lead Applications Programmer 11/1983 to 02/2000 City , STATE

- Designed and developed life insurance illustration software.
- Used by more than 2,400 Farmers Insurance Group agents in 29 states.
- Designed, developed and maintained software for all available policies that Farmers New World Life offered.
- Worked with Farmers New World Life marketing, legal and product development departments to develop NAIC-compliant illustrations in both DOS and Windows versions of software.
- Languages: VB5, Forth Systems/Applications: DOS and Windows applications, calculation engines Database: Access Delivered "Internet Update" feature.
- Allowed users to update their system's programs over the internet with one click of a mouse button.
- Languages: VB5 Systems/Applications: Windows applications, Windows API Led team of four in development and maintenance of homeowners, boat owners, RV owners, commercial and umbrella liability insurance policy illustration software.
- Used by more than 2,400 Farmers Insurance Group agents in 29 states to quote insurance rates and coverage and provide clients with proposal printouts.
- Languages: VB5, Forth Systems/Applications: DOS and Windows applications Database: Access Senior technical lead for client database programming project.
- Developed DOS merge features, allowing users to migrate saved DOS files into Access client database.
- Languages: VB5 Systems/Applications: DOS and Windows applications Database: Access Wrote instruction manual for use by Farmers Insurance Group agents.
- Provided technical support to users of FDI software.

Education

Associate : Science, Computer Science Moorpark College City , State Science, Computer Science

Skills

.NET, VB.NET, ASP.NET, ASP, auditing, banking, C++, conversion, credit, CSS, client, clients, customer service, Customer Support, databases, Database, database programming, documentation, DOS, DVD, Eclipse, XML, features, Forth, HTML, DB2, illustration, instruction, Insurance, Java, JSP, JavaScript, legal, Linux, Loan Origination, logging, marketing, Access, MS Access, C#, office, VB5, Windows 7, Windows, Windows applications, Windows XP, MS-DOS, Operating Systems, Oracle, Developer, page, policies, Product Design, product development, proposal, RDBMS, reporting, script, Sql, MS SQL Server, SQL Server, tables, technical support, technical support and assistance, troubleshooting, user interface, VBScript, view, VB6, MS Visual Studio, Web Server, Web pages, web page, Windows API