

John Elliott Lomas

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SOFTWARE ENGINEERING | APPLICATION DEVELOPMENT

Enterprise software developer who enjoys problem solving to develop creative solutions utilizing a variety of technologies ready for a software engineer role. Technical and practical knowledge in tax, accounting and insurance. Experience in client server and web environments using relational databases. Delivers consistent solutions expectations, provides best options, and documents the solution and testing requirements.

TECHNICAL PROFICIENCIES

Technology: C#, C++, Visual Basic, SQL, HTML, CSS, JavaScript, jQuery, XML, JSON, ASP.Net, MVC.

Software: Visual Studio, Word, Excel, Project, Visio, SQL Server, Jira, Axosoft, MKS Integrity, TortoiseSVN, Git, Outlook, Skype, Lotus Notes.

PROFESSIONAL EXPERIENCE

Sapiens, Remote

Web/SQL Developer

- Developed insurance management web software products.
- Documented solution technical design relative to system architecture, unit test results, and database changes necessary for the change.
- Partnered with Business Analysts to refine product requirements.
- Executed code reviews of code implementations and alpha testing of the change.
- Performed unit tests to ensure changes fixed defects work.
- Created and maintained interfaces with Verisk, EBIX, and Coventry service providers.
- Generated T-SQL scripts for database modification and for creating views and functions.
- Designed and modified SQL queries for UI entry and reporting of business data.

Vertex, Sarasota, FL

Software Developer I / II

- Developed and maintained client server corporate income tax software products.
- Completed required maintenance work to ensure compliance with regulatory and customer needs.
- Implemented full stack enhancements as per business requirement documentation from UI, to business logic, and the SQL database layers.
- Collaborated with business analysts, developers, QA groups and subject matter experts to develop and modify business requirements and technical specifications.
- Performed unit test plans in similar customer hardware and operating systems environments.

Vertex (continued)

- Resolved annual tax data rollover and assisted in correcting data conversion issues.
- Explained program defects and solutions to tech support and QA groups.
- Extended interfaces and methods in the C# and C++ business layers allowing code reuse while maintaining legacy behavior and enhancing functionality.
- Identified and resolved code fixes in third party software control implementations
- Reconfigured branding to common global objects to reduce cost of future updates and shared this technique with other product teams.
- Automated publication of build delivery HTML pages via XSL transformation of custom defined XML source files.
- Assimilated IRS style sheet (XSL) files into product resolving issues to provide optimal IRS form display of the return's XML data.
- Refactored build process to increase the quality of build delivery and reduce the build time at least 20% with greater than 99% reliability.
- Coordinated and produced releases meeting the scheduled and unscheduled demands of related business units in accordance with change management procedures.
- Used problem solving skills to identify build break causes, communication skills to alert responsible developers and to report recovery status to testing teams.
- Administered, trained staff, and provided support for the MKS version control system.

ADDITIONAL RELEVANT EXPERIENCE

Arthur Andersen – Testing and support of personal income tax software

Jackson Hewitt – Technical Support to tax preparation franchise organizations in a call center

EDUCATION

Master of Science in Computer Information Systems

University of Phoenix, Tampa, FL

Bachelor of Science in Chemistry

University of Vermont, Burlington, VT

PROFESSIONAL DEVELOPMENT

C# for Windows Applications, Advanced C# Programming, C++ Programming

HOTT – Hands On Technology Transfer, Inc.

Computer Programming I & II (using C and Java), University of Vermont