

# Mark Lauwereins

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## Innovative Software Developer

Technically efficient, corporate dedicated to perform multi-functional tasks with the ability to be motivated and succeed time-lines. As an application developer with over 12-years' experience I strive to analyze, innovate, test, troubleshoot, and maintain products that are high-level and intensely complex. I Maintain focus on requirements, adapt to organizational changes quickly, and follow strict design patterns & practices. Core Knowledge & Skilled Areas:

- C# & ASP.NET Framework
- Web/Windows Automation
- Web Clients & FTP Clients
- Windows Presentation Foundation
- All Microsoft Products
- MS-SQL Server All Versions
- C++ & JAVA Methodology
- Oracle & IBM Database Support
- Team Foundation Server
- Stored Procedures
- Troubleshooting
- IIS
- SSIS
- Batch File Integration
- Relational Databases

### PROFESSIONAL DEVELOPMENT EXPERIENCE

#### **Technology Summary:**

**LANGUAGES** C#, WPF, ASP/.NET, VB.NET, C++, PHP, WMI, XML, HTML, MySQL, MSSQL, Oracle  
**PLATFORMS** Windows Server/OS(All Releases), MS-DOS(All Releases), Basic Linux Experience

### RELEVANT EXPERIENCE

(C# | C++ | VB.NET | JRE/JAVA | VB6 | TFS | Visual Studio | Windows Services | IIS | Windows Server )

■ **PSE** – As a Platform Support Engineer we provide software solutions to the entire corporation. We focus on integrity, delivery, and speed. I perform software maintenance, deployments, change management, and server support for multiple clients internal and external.

■ **Server Support** – Frequently provide solutions to servers, infrastructure applications, and handle emergency support. Server support includes 24/7 on-call monitoring, defect patching, ETL failures, web/windows support, batch processing, and custom application support. We provide analysis, defect patching, software diagnostics, and re-engineering of multiple software components & modules.

■ **Deployment** – Working with best practices to provide software updates, defect testing, and multi-server deployments which effect business clients, associates, and teams. Work directly with the CRM team to provide reports, and statuses on opened changes.

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■ **Web Development** – Provided support to existing internal clients and worked with the team to resolve issues related to Web Services, ASP.NET applications, and other custom web based products. (C# | Visio | VB.NET | JAVA | AJAX | Active-X | SQL SERVER | Visual Studio 2003-2010)

■ **Windows Development** – Created custom solutions that are easy for the entire corporation to use. The solutions involve working with SharePoint, Databases, Mainframe systems, Windows Applications, and other platforms to speak into one based platform system. Nexus (Custom Programming Language) speaks to multiple mainframe systems worldwide and provides high-end graphics for the users for easy usability. (C# | VB.NET | Active-X | User Controls | C++ | SQL SERVER | Visual Studio 2003-2010)

■ **Technical Lead/Consultant** – I provide timelines, programming consulting, and resolutions to the entire staff. Provide basic troubleshooting, & software proto-types to enhance the current business processes. Work with management to make the business more effective. (C# | VB.NET | Active-X | User Controls | C++ | SQL SERVER | Visual Studio 2003-2010)

Analyzed existing projects for external clients and made major programming changes to existing Medical Kiosk projects. Cleaned and repaired external client systems and other projects such as the document imaging system.

■ **Web Development** – Provided support to external clients and worked with the team to resolve incidents. Created Automation Web Testing Software, LDAP Password Controls, Scanner Controls, Worked with all MediKiosk versions & CVM Products. I provided full remote access to classified hospitals worldwide. (C# | Visio | VB.NET | JAVA | AJAX | Active-X | MSSQL | Visual Studio 2003-2010)

■ **Windows Development** – Created multiple solutions for handling bad provisioning files, hard disk space recovery, Windows Message pop-ups, Exception Log Scanning, HL7 Message Retrieval, DB Connection Retrieval, GEMS Automation, Processes for Cerner Files that need resent and more. (C# | VB.NET | Active-X | User Controls | C++ | Visual Studio 2003-2010 | T-SQL)

■ **HIPAA Regulations** – Applied previous HIPAA experience and was never stopped for auditing purposes. Maintained and followed strict experience and guidelines for PCI, SOX, and all regulations.

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Analyzed and recreated projects which included accounting information, Claim incidents, website databases, website technology, automated server components, and other processes and services.

- **Web Development** – Designed and developed intranet applications for processing, and maintaining multiple database streams. This included creating multiple database filters for reporting reasons in over 46 different databases, and utilizing SQL stored procedures to receive database names, columns, and creating a filter that can be integrated for easy accessibility.

(ASP.NET, C#, TFS, HTML, PHP, MS SQL Stored Procedures, Javascript, AJAX)

- **Windows Development** – Developed and designed a project from ground up to handle claims, create incidents, and manage and maintain multiple users from the claims department. This included Active Directory (LDAP Protocol), SQL access, handling financial data, and gathering requirements.

(C#, WPF, XAML, TFS, MS SQL Stored Procedures)

Developed multiple structures for the Intranet, Windows & Web Services for processing claims, object oriented processes, multi-threading processes, and performing Windows automation. These structures are utilized with multiple systems including AIX Mainframe, & Client side processes being used by the business.

- **Web Development** – Designed, developed multiple intranet applications for processing, and maintaining claims, time scheduling applications, reporting tools, and web applications that interact with other processes & applications in the business.

(ASP.NET, T-SQL, C#, VB.NET, TFS, HTML, MS SQL Stored Procedures, Oracle, DB2, Javascript, AJAX & Windows API)

- **Windows Development** – Designed, developed multiple Windows applications for monitoring multiple servers remotely (events, software/system failures, etc.), password management tools, Outlook automation interfaces for processing claims by email, Diamond, Service Center automation, and multiple applications to handle maintenance issues & concerns throughout the organization.

(C#, C++, VB, T-SQL, TFS, WMI, AIX, MS SQL Stored Procedures, Oracle, DB2, HLL\_API32, Windows API)

- **Report Automation** – Developed multiple Windows applications for automating Excel Spreadsheet items such as task list and many more items. Our team converted existing spreadsheets into C# & VB applications and gathered requirements for more advanced reporting, and SQL Integrations as the business grew.

(C# | C++ | VB | TFS | T-SQL | WMI | AIX | MS-SQL | Oracle | DB2 | HLL\_API32 | Windows API)

## C# Developer & Analyst

Developed multiple applications to save the business from outages that could lead to logistic billing

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failures. I worked in multiple environments including 25 servers that need managed, batch file removal, imaging cleaning systems, email messaging systems, and worked in a team to manage multiple hardware issues related to scanning devices.

- **Web Development** – Developed multiple applications that connect to the Docubase API to handle multi-page images, User login, Billing assignments, and more. (ASP.NET, C#, VB.NET, HTML, SQL, & Windows API)

- **Windows Development** – Designed, developed applications that integrate into the Transflo imaging system, scanner hardware, Windows Services, Imaging Systems, multiple servers, and provide maintenance and corporate support to the users. (C#, VB.NET, MS SQL, Windows API)

## **VB Developer & Technician**

Provided support to over 780 stores, I supported managers, cashiers, and other employees with related issues due to the registers disconnecting, Pharmacy software failures, OS failures, and on-call related issues.

- **Windows Development** – Designed, developed multiple applications that integrate into an existing software application the software could automatically alert & handle issues related to terminals being disconnected. (VB 6, MS Access, Windows API)