

# Jeremie J. Weldin

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## Summary

Versatile software developer with a focus on Java, Flex, PHP and MySQL.

## Development Skills

ASP	Java/JSP/Struts	Visual Basic/VBA/VBScript
AutoCAD Integration	OpenGL/DirectX	.Net/.Net CF
C/C++/C#	PERL	Relational Databases
Cold Fusion	PHP	(MySQL/Access/Oracle/+)
COM	SAP/SCE	Reporting Tools:
Flash/Flex	SQL & PL/SQL	(JasperReports/Crystal)
HTML/DHTML	XML	DCL

## Familiar Software

Apache, IIS & Tomcat	Visual Studio 6/.Net	Photoshop & Illustrator
MS Office	Visual Source Safe	MS Windows (All versions including CE)
Flex Builder 2	Subversion & CVS	Mac OS X
MS eVT 3	Netbeans	TOAD
Oracle JDeveloper	Eclipse	VMS/VAX

## Exposure To

LISP	Python	Linux/Unix
	MS-SQL	Ruby/Ruby on Rails

## Non-Technical Skills

Self-motivated	Goal oriented	Works well independently
Learns fast	Learns independently	Works well on a team
Very organized	Communicates well	

## Related Employment

### Software Developer/Director of Information Technology

6/2005-2/2008 eTrak-Plus, Inc. Summerville, SC

- Software development, design and maintenance. Systems support and maintenance. Drastically extended, maintained and supported an online parks & recreation management software package. The software is written in Java/JSP/Flex and is backed by a MySQL database. Maintained and supported the Slackware Linux servers hosting the web application (running on Tomcat application server), DNS, Mail and database.

### Programmer/Analyst

8/2004-6/2005 CGI-AMS Oswego, NY

- Software development. Maintenance and enhancements for several applications supporting a manufacturing plant. Included their key performance indicators application and their medical center's patient management software. Skills use daily are VMS, DCL, ASP, Access, Visual Basic and PL/SQL.

### Software Engineer

8/2003-8/2004 CABLExpress Corporation Syracuse, NY

- Software development. Design, development, & support of both Visual Basic desktop applications and Java/JSP intranet applications backed by an Oracle database.

### Software Developer/PC Technician/IT Implementer

4/1998-9/2002 North Coast Software Oswego, NY

- Software development, project management, PC hardware/software repair/troubleshooting, training of new employees, telephone support for team members and customers, PC upgrading, network implementation.

## Relevant Projects

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### While at CGI:

- Took over two applications that are integral to the day to day running of a large manufacturing plant. There was no documentation for the more complex of the two applications, a key performance indicator application that combined VMS DCL, JAMS scheduling software, Oracle PL/SQL, Visual Basic, ASP and Access to store data from a number of input sources and display it in a way that is meaningful for the managers of the plant. I had to teach myself the VMS environment and DCL from scratch as I had no prior experience in it. In a very short time I have become the expert on the application.
- Supported and enhanced a manufacturing plant's installation of Medgate medical center patient management software. The application is an ASP COM+ application with custom reports written in Crystal Reports.

### While at CABLExpress:

- Worked as part of a two man team to re-design and re-implement the human resources & payroll application used in a medium sized corporation (~300 employees). The application was written as a secure Java/JSP intranet application using the Struts framework and backed by an Oracle database.
- Extended and maintained an existing inventory control system written in Visual Basic 6.0 and backed by an Oracle database. Improved item search speeds by over 200% on average. Reduced executable size by 10% while maintaining existing and additional features. Also integrated a Java/JSP reporting tool into the application to replace Crystal Reports code and ported the existing Crystal Reports to JasperReports for view on a local intranet.

### While at North Coast Software:

- Designed and created a web application for posting available jobs and resumes for a local web company. The application uses PHP/MySQL on an apache server.
- Led a three-person team in porting an online content management application from Cold Fusion/MS Access on IIS to PHP/MySQL on Apache. The ported application uses a modular approach and allows for greater extensibility and stability. [<http://digitaltowpath.com>]
- Created several online publishing applications. The applications allow a local publisher to transfer his content from print medium to digital medium via the web. The applications were written in PHP/PERL/MySQL and allow the publisher to use an online WYSIWYG editor to publish stories.
- Optimized, and re-implemented key components in a sales configuration application that uses an SAP R/3 system as a backend. The components are Visual Basic COM DLLs responsible for upgrading older documents into newer documents. The project required an advanced understanding of VB, COM, the AutoCAD object model and a third-party middle-ware object model. With the changes I implemented, the time and system resources required for the process were greatly reduced and the accuracy of the process was dramatically improved. The code-base of the finished re-factored components was a fraction of the size of the original.
- Created a batch document upgrade engine for a custom AutoCAD application. The application was written in Visual Basic 6.0 and used the Win32 messaging API to launch and monitor an upgrade engine DLL for each drawing document to be upgraded from one version to the current.

## Relevant Projects Continued

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- Participated as part of a two-person team that ported functionality previously performed by a series of VBScripts to a Visual Basic DLL. We then extended the functionality of the completed DLL. The component was a key part in a sales configuration application.
- Performed bug fixes in VBScript for a sales configuration application. Due to the tight schedule, learning the application fast was instrumental in order to meet the ship date.
- Implemented a report suite for a custom job tracking system using MS Access, VBA and Crystal Reports.
- Designed and implemented a custom job tracking system using Perl CGI, MS Access, JavaScript and DHTML on an IIS web server. Later ported the application to ASP using Visual Interdev. The application has dramatically reduced the time required to manage a remote team of technicians.
- Designed and implemented a custom order tracking system using PHP, MySQL, and HTML on an Apache web server. The application eliminated the need for two full-time data processors.
- Led a two-person team in performing an intense six-week debugging/testing cycle for a Sale Force Automation tool that was being developed by Siemens Electrocom. The tool is a front end to the SAP Internet Pricing/Configuration engine. The Siemens team in Germany relied heavily on me to isolate and fix bugs in the Java/Swing application.
- Developed a suite of JavaScript functions for moving and manipulating DHTML entities inside a web browser using Visual Interdev. Also implemented a number of movable graphical entities using VML (vector markup language).
- Developed an automated installation program to test and correctly configure a PC for the Time Warner Road Runner High Speed Internet access service using Visual C++ and MFC.

## Education

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### **Rochester Institute of Technology – Rochester, NY**

- 85 credit hours toward a BS in Computer Science

## Certifications

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Microsoft Certified Professional (070-316)

A+ Certification