

Jesse Sanford

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"Thanks Jesse... I sure appreciate you jumping in on this project - it was a HUMUNGOUS help!"
- Bill Colburn from Dixon Schwabl Advertising.

Proficient with:

Access
Actionscript 1.0
Actionscript 2.0
Active Directory
ADO
Adobe Acrobat
Adobe Golive
After Effects
Apache
ASP
Assembly
C
C#
C++
ColdFusion
COM
Contribute
CSS
DHTML
DOM
Dreamweaver
Exchange Server
Fireworks
Flash
FrontPage
FTP Server
HTML
IIS
Illustrator
Imageready
J++
J2EE
Java
Javascript
JSP
Linux
Lisp
Mac OSX
Macromedia Director
Macromedia Freehand

Summary of Qualifications

- A professional developer with 8 years of production experience in all stages of the development lifecycle.
- Expert in relational database design, SQL, stored procedures, table normalization and query optimization.
- Working knowledge of all popular programming/scripting languages in use on the web (.NET with C#, Python, Perl.)
- Expert with ColdFusion, PHP and ASP.
- Expert in creating well formed, valid XML documents and manipulating them with both DOM based and event based parsers.
- Full understanding of latest W3C specifications for XHTML, HTML and CSS.
- Detailed understanding of cross platform/cross browser intricacies.
- In depth knowledge of web services including REST, SOAP and XMLRPC.
- Expert in Macromedia Flash application design using both Actionscript 1 and 2 with various backend technologies. Also very experienced with flash animation.
- Expert with Adobe Photoshop/Imageready/Illustrator with a great eye for design.
- Proficient with multimedia optimization techniques and most popular compression formats.
- Experienced with video mastering and effects rendering (After Effects, etc.)
- Experienced in network administration/security including but not limited to SSH, FTP, IIS and .NET, Apache with PHP, MySQL, Source Safe, CVS, MS SQL Server 2000, ColdFusion Server, MS Exchange Server, MS Project Server, DNS, DHCP, Active Directory and Windows Domains with mixed clients (Linux, OSX.)
- Experienced with project/team management and excellent with client interaction.

Relevant Professional Experience

Project Manager | 5/2004 – 6/2004

Artshow Amherst

Lead developer on a site that allowed the client to administer artist bios and mini-portfolios. A dynamic map of artist tent locations was built with Flash MX 2004. The site was built with PHP on top of a MySQL database.

- The intuitive administration panel I designed cut the time art show administrators spend on site updates in half.

VB Programmer | 3/2004 - 4/2004

Basecamp Leasing

I translated MSSQL Server DTS packages from Microsoft Jscript to VBscript so that they could be processed by IIS in a shared hosting environment.

- With my help the client was able to move the site from a dedicated server at their original host to a shared server at the host of their choice. This translated into thousands of dollars in savings for the client.

ColdFusion Programmer | 2/2004 - 3/2004

J.C. Licht Co.

Built a shopping cart system that allowed the client to manage their online orders internally. The system was built with ColdFusion MX and MSSQL server 2000.

- Due to my efforts the client saved approximately \$3000 in hosting annually.

Microsoft Office
Microsoft Project
MSSQL Server
mySQL Server
.Net
Oracle
Pagemaker
Perl
Photoshop
PHP
PostgreSQL
Project Server
REST
SOAP
Source Safe

Education:

*Bachelors of Science
University of
Massachusetts*
Finishing final few
credits via distance
learning while working
full time to pay for
tuition costs.

Relevant classes:

Algorithms,
Artificial Intelligence,
Assembly,
Calculus (3 semesters
including
multivariate),
Advanced Computer
Graphics,
Databases,
Data Structures,
Formal Language
Theory,
Linear Algebra,
Networking,
Physics (3 semesters),
Programming
Paradigms,
Software Engineering
(2 semesters),
Advanced Web
Animation

Recent Publications:

I was featured on
flash-db.com in
January for my
mysql2soap project.

ColdFusion Programmer | 1/2004 - 2/2004

J.C. Licht Co.

Developed an SSL secured extranet site that allowed employees to login and make changes to their information and emailed notifications to administrators when changes occurred.

- My browser based solution saved the client thousands of dollars in training and software deployment compared to the encrypted email based systems they had looked at.

PHP / Flash MX Programmer | 11/2003 – 12/2003

Mystic Sound Systems

Created a mySQL database backend using PHP as the middleware to pass data to and from the client side Flash and then back out via email to administrators.

- After much approval for my contributions I was asked to permanently manage the dynamic elements of the site.

Flash MX/PHP WBT Project Manager | 8/2003 - 11/2003

Research Dynamics

I handpicked a small team of developers, designed and developed a total Web based training system with Flash MX on top of a MSSQL database.

- The system we developed saved the client thousands of dollars over the instructor lead classroom solutions previously used.

PHP Programmer | 6/2003 - 8/2003

Center for Social and Emotional Education

Designed an Apache/PHP/mySQL based search engine to assist researchers in finding studies in the CSEE Research database. Created a PHP based admin panel for administrators to manage the studies contained within the database.

- To ensure the project's timeliness I worked alongside the client creating the search engine while they used my admin panel to do the data entry. The client was very impressed by my speedy development.

JSP Programmer | 5/2002 - 8/2002

Ciclismo Classico

Redesigned the Ciclismo Classico ecommerce site consisting of some thirty dynamic JSP driven web pages with a custom Java bean communicating with a mySQL db backend.

- The client was very pleased at my ability to pick up where the last developer left off even without the original source code.

ASP Programmer | 5/2001 - 9/2001

Wal-Mart / Fuji E-Systems

Developed middleware for web enabled kiosks using ASP on top of a custom COM object with a MSSQL 2000 backend for use in Wal-Mart stores photo centers around the country.

- Multimillion dollar project with high stress/high stakes development under tight deadlines.
- Despite the intense work environment I was able to perform above average and quickly became one of the most productive members of my team.

CBT Developer | 5/2000 - 9/2000

Ziff Davis

Worked on a large team developing CBT modules for Microsoft Office in four languages for Ziff Davis. I assembled the Director casts and shocked them for internet use. I also did sound, video capture, animation and interface design.