

Jacob C. Sutton

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OBJECTIVE

Constantly striving to learn new techniques and technologies and always open for a challenge, I am primarily self-taught in the Internet/Information Technologies field and feel I would play a valuable role in any organization. I have a strong sense of the "big picture" as well as the skills and focus to bring ideas to reality.

TECHNICAL SKILLS

Expert

ColdFusion (CF 4 – CFMX 7), CFScript, (X)HTML, CSS, JavaScript (ECMAScript), DHTML, Transact-SQL, SQL Server, XML, SOAP, Web Services, ASP 2.0, IIS, Windows operating systems

Advanced

IBM DB2, MySQL, XSL, DTD, PHP, Apache Web Server, *nix operating systems, Mac OS X

Intermediate/Beginner

JSP, Python, Ruby, Perl/CGI, Java

WORK EXPERIENCE

08/01 to Present **Member of Technical Staff**

InsightAmerica (formerly e-InfoData.com), Broomfield, CO

The company provides risk management tools and public record data access products to a customer base ranging from small businesses to federal and state agencies to Fortune 500 companies. As a member of the software development team, I played an important role in the research, production, and maintenance of these products.

Development highlights:

- Primary developer for a number of web-facing products which interface with extremely large databases . Some of the public records datasets we work with can be over 20 TB in size.
- Developed data scoring and enhancement techniques to transform raw data into meaningful reports for the customer.
- Participated in the design, architecture, and development of an application framework intended to provide a single skeleton for all of our web products. This was named BadMojo.
- Prototyped a "fake threading" mechanism for ColdFusion 5 using the 204 HTTP status header. (This technique was developed into an article by my coworker for the CF Developers Journal.)
- Developed the first XML web service proof-of-concept for the company using ColdFusion 5. Now maintain and develop web services built in CFMX using CFCs.
- Recognized as the team expert in Transact-SQL. Duties stemming from this include performing custom reports based on application log data.
- Improved user experience and user interface functionality using a combination of JavaScript and XMLHttpRequest (a technique known as "AJAX").
- Consulted with the company's graphic designer regarding the use of CSS in his web designs.

Key technologies utilized:

ColdFusion (CF 5, CFMX), Transact-SQL, SQL Server, OmniDex, (X)HTML, JavaScript, CSS, XML

09/99 Senior Web Developer

to
04/01 SAKSoft, Inc. (formerly Synertech, Inc.), Boulder, CO

I came to be the lead developer in this small internet development company.

Development highlights:

- Developed and maintained e-commerce web sites for online merchants like myCamera.com, Colorado Cyclist, Sur La Table and others. While all were based on the same framework, many required complex and challenging custom features.
- Served as lead developer for the initial production of the LifePics online imaging site. Technical challenges included interfacing from the ColdFusion web application to a DLS printer to output prints of customers' photographs.
- Received training for and led a couple projects involving the installation, configuration, and customization of IBM WebSphere Commerce Suite Service Provider Edition. This involved writing Net.Commerce macros and Java Server Pages (JSP).
- Received training for BEA WebLogic and the BroadVision application server.

Key technologies utilized:

ColdFusion (CF 4-4.5), Transact-SQL, SQL Server, IBM DB2, HTML, JavaScript, CSS, ASP, JSP, IBM WebSphere Commerce Suite SPE, Net.Commerce macros, ActiveX controls, COM objects

01/99 Web Developer

to
07/99 Stone & Webster Engineering Corp., Boston, MA

Contract position through Renaissance Worldwide IT Consulting Services, Inc., Newton, MA with duties and experience including:

- Design, development and maintenance of an Electronic Document Management System (EDMS) using Active Server Pages to track comments on technical documents associated with the design and construction of both the Aberdeen Chemical Demilitarization Facility in Maryland and the Newport Chemical Demilitarization Facility in Illinois.
- Initial development of a new web site for Stone & Webster to post technology evaluation documents the company has produced for the Program Manager of Alternative Technology Assessment (PMATA).

Key technologies utilized:

ASP, Transact-SQL, SQL Server, HTML, JavaScript

05/97 Web Developer

to
12/98 Compaq Computer Corp. (former Digital Equipment Corp.), Marlboro, MA

Contract position through Kenda Systems, Salem, NH with duties and experience including:

- Design, development and maintenance of new and existing web sites for the intranet, extranet and internet.
- Coordinating web site development teams, and consulting with clients and management to determine the ideal solution for their individual requirements.
- Web server configuration, administration and maintenance.
- Web site quality control and administration.

Key technologies utilized:

ASP, Transact-SQL, SQL Server, HTML, JavaScript

EDUCATION

BOSTON UNIVERSITY, College of Engineering, Boston, MA
Bachelor of Science Degree, Aerospace Engineering, May, 1995

REFERENCES

Available on request.