

Joshua Birk

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Summary

Josh has served as architect and developer on projects for enterprise clients including State Farm, Target, Crate & Barrel, Intercall, NBC Universal, Computer Associates, and Salesforce.com. His work has included user interface development, integrations with existing server-side implementations and engineering server-side solutions with a variety of technologies, most recently Flex, AJAX, .Net, PHP, and Salesforce.com's Force.com platform for target audiences ranging from mobile users to large consumer bases. Often these projects involved new technologies - notably prototyping asynchronous transport methods for State Farm and Crate & Barrel, one of the earliest iPhone applications to use the Salesforce.com API, and being part of the team that redesigned Salesforce.com's partner portal using their Sites framework.

Work History

Model Metrics, Senior Developer

August, 2007 - Present

Responsible for the application design, development and deployment for some of Model Metrics' largest and most complicated clients, delivering Web 2.0 solutions within the Salesforce.com Force.com platform using a combination of VisualForce, Apex, Flex and AJAX.

Projects included:

Computer Associates - Agile Vision

Developer on Agile Vision, an agile planning tool running on the Force.com platform in AJAX and Apex.

Salesforce.com - Partner Portal

Technical lead on complete redesign of Salesforce.com Partner Portal, resulting in the largest third party development effort on Salesforce.com's internal builds (<http://www.salesforce.com/partners>).

NBC Universal - Budget Forecasting

Lead developer on a six month engagement to develop a budget planning and data analysis tool in Flex.

Salesforce.com - Dreamforce Mobile

Designed and developed a mobile application for handling conference events and scheduling.

Expense2Go

Native iPhone expense report application, one of the earliest using the Salesforce API. Engineered calls for login, downloading data and uploading images in Cocoa based on existing the AJAX toolkit for Salesforce.

Intercall - Sales Entry Interface

Based on Intercall's designs, developed a Flex based wizard for entering sales data. Integrated with their Salesforce.com system as well as making outbound web service calls to synchronize with an external server.

Crate & Barrel, Senior Developer

December, 2002 - August, 2007

Hired to insure maximum cross-browser compatibility to ongoing site redesign within two months. Primarily the main and often sole developer for HTML, JavaScript, CSS. Responsible for integration code using VBScript, XSL and later C#. With the .Net launch, architected core framework for validation, dynamic menus and browser/flash detection. Developed JavaScript AJAX library for next generation prototypes.

Digital Online Technologies, Lead Developer

September, 2001 - December, 2002

Sole client-side developer for small startup developing CredentialSmart, an online application for entering and retrieving physician data. Designed HTML, JavaScript, JSP and Java code to integrate with a J2EE application. Developed code for the delivery of dynamic imagery, PDF's and RTF's.

Organic, Senior Interface Engineer

July, 1999 - March, 2001

Developed and managed the creation of client-side technology for large e-commerce projects and the integration of that technology into server-side applications. Worked with some clients as the sole consultant and others as part of a large team.

Projects included:

<http://www.target.com>

Lead engineer on a six developer team to deliver front-end code for their Dynamo applications and the integration of ASP pages into their IIS systems. The engagement was part of a complete redesign of the site, including the registry portal.

<http://www.law.com>

Researched and developed of DHTML solutions for both their commerce and content section. Solutions included menu system and dynamic forms for search, registration, and purchasing.

<http://www.escout.com>

Developed Python application to coordinate with the UltraSeek search engine. UltraSeek requests and responses were served through a custom HTML/DHTML front end.

State Farm Insurance, Data Specialist

July, 1997 - July, 1999

Served as liaison between the Systems and Claims departments for their internet and intranet initiatives. Developed intranet applications including a groupware calendar, prototyped technologies, instructed classes and seminars. Developed core set of interfaces and guidelines for extranet development. Responsible for an early introduction to using Java as a method for shuttling data to an HTML front-end without repeated HTTP requests.

Education

Illinois Wesleyan University: Bachelor of Arts - Psychology, 1996

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Commendations

Model Metrics - Project Innovation Award

2008 Tour De Force - Speaker

Organic - Organic Chemistry, 5 time recipient

State Farm Insurance - Systems Excellence Award

References

Jamie Dihiansan: asianmack@gmail.com, 37 Signals

Roger Vittitoe: wygyg1@gmail.com, State Farm

Kevin Ruby: kevin.ruby@gmail.com, Chicago Board of Trade

Chris Frye: cfrye@crateandbarrel.com, Crate & Barrel

Reid Carlberg: reid.carlberg@gmail.com, Model Metrics / Salesforce.com