

Summary

- Strong technical leader who can collaborate effectively with business and product owners.
- Proficient JavaScript architect capable of building entire frameworks and modernizing legacy code.
- Experienced development manager dedicated to mentorship, coaching, training and documentation.
- Detail-obsessed, jack-of-all-trades Web developer with strong server-side and database skills.
- Passionate advocate for the end user with a proven track record of developing powerful, usable interfaces.
- Successful, results-driven professional with a wealth of experience dot-coms, start-ups and agencies.
- Internet/eCommerce veteran with a diverse skill set: technical, creative and editorial.

Skills & Technologies

UI Technologies

JavaScript, Ajax, JSON, JSONP, CSS, DHTML, HTML, XML, XSD, XSL.

UI Libraries/Tools

jQuery, jQuery UI, Prototype, Script.aculo.us, Ext, Base2, Firebug, JSLint, JsUnit, Selenium, Squish.

UI Strategies and Approaches

SEO, analytics, web standards, progressive enhancement, user experience design, usability, i18n, white-label.

Web Application Platforms

SOA, Ruby on Rails, WordPress, JSP, Spring, PHP, ASP.

Server-Side Technologies

Apache, Tomcat, Jetty, Stellant, Radiant, MySQL, Oracle, SQL Server, PL/SQL.

Programming Methodologies

Agile, scrum, test-driven development.

Development Tools

TextMate, IntelliJ IDEA, Git, Accurev, SVN, CVS, VMWare, Confluence, Jira, Bugzilla, AppleScript.

Graphics

Photoshop, Illustrator, Acrobat, Fireworks; functional design skills that complement an art director's.

Editorial

Strong writer/editor of everything from blog posts and conference presentations to site copy and documentation.

Professional Experience

Senior Technical Lead, User Interface - OptionsHouse - Chicago - 2009-present

- Recruited, trained and led six-person user interface team in feature development and maintenance of Ajax/SOA-based online trading application.
- Accelerated business development by re-architecting a home-grown, 2006-era Ajax framework into a modular, scalable platform.
- Improved conversion rates by rebuilding account signup application from scratch using jQuery, jQuery UI, JSP and SOA.
- Empowered product leads by implementing asynchronous Google Analytics and other business intelligence packages across multiple web properties.
- Put marketing/SEO strategy in the hands of business leaders by leading migration from JSP to WordPress and supervising rollout of custom A/B testing framework.
- Collaborated with information architect on site-wide usability standards.

Vice President, Ajax Development - Pathfinder Development - Chicago - 2007-2009

- Set company standards for view-layer code: JavaScript, CSS, markup, progressive enhancement.
- Wrote multiple weekly blog, tutorial and opinion pieces for Agile Ajax, Ajaxian and IBM developerWorks.
- Spoke at industry conferences including Web 2.0 Expo and The Ajax Experience.
- Developed a variety of Ajax-powered user interfaces for internal and client projects. Core technologies: jQuery; Ruby on Rails; hand-coded CSS, XHTML and JavaScript.

Technical Lead, User Interface Engineering - Orbitz - Chicago - 2007

- Managed final launch of company's new, fully accessible, internationalized white-label travel platform. Tracked maintenance metrics. Prioritized bugs. Oversaw content-management upgrades. Managed relationship between UI team and rest of stack. Drove cross-team solutions to platform-level defects.
- Contributed significantly to platform-wide JavaScript/Ajax architecture by managing global scripting namespace; overseeing use and test cases; and maintaining focus on tight, reusable components.
- Developed code-review process for 25-member user interface team. Led whiteboard sessions and design checkpoints.
- Set coding standards and developed SOPs and training materials for entire UI team.

Senior Engineer, User Interface Engineering - Orbitz - Chicago - 2005-2007

- Oversaw development of the travel-package path for the company's new white-label travel platform. Collaborated on functional and technical requirements, information architecture and final implementation.
- Managed UI project teams in rollout of new features, including Air Plus Car packaging path. Estimated work, prepared detailed technical specs and managed resources locally and offshore.
- Built new features from scratch, including hotel user reviews and stand-alone Attractions booking path.

- Coded and managed reusable, platform-level JSP components including layouts, page definitions, modules, decorative panels and custom tags.
- Built object-oriented JavaScript components from scratch.
- Won two separate Power of One awards for exceptional effort on development of new features.

Software Engineer [Contract] - Orbitz - Chicago - 2005

- Performed a full range of front-end programming tasks for this rapidly expanding online travel site.
- Refactored legacy XHTML, CSS and JavaScript code into a fully standards-based architecture.
- Transitioned antiquated JSP code into a Tiles-based render framework using JSTL and custom taglibs.
- Contributed significantly to the relaunch of sibling sites CheapTickets.com and Lodging.com.

Technical Web Producer [Contract] - United Airlines - Chicago - 2004-2005

- Developed complex, consumer-facing DHTML applications for this major airline's new booking engine.
- Served as technical lead on projects including flight-search calendar interface; seat maps; comprehensive client-side form validation; site-wide navigational overhaul; and global JavaScript architecture.

Web Developer [Contract] - Self-Employed - Chicago - 2003-2004

- Developed internal and consumer-facing Web/database applications for a variety of clients, including a non-profit advocacy group, a large real-estate firm and an Internet photo-sharing start-up.

Web Developer - Reflect.com - San Francisco - 2000-2003

- Helped sell the idea of customized products to a mass audience at the Internet's No. 1 beauty site, an eCommerce provider of personalized skin-care, hair-care, cosmetics and fragrance products.
- Built customization interfaces—database-driven, highly interactive DHTML apps—for new products.
- Designed beta tests to quantify click-through, purchase and revenue for alternative user interfaces.
- Worked with senior management, designers and marketers to develop, program, implement and document automated loyalty programs essential to the company's rapidly changing business model.
- Programmed, tested and deployed simplified site-wide navigation using DHTML and JavaScript.
- Replaced third-party legacy code by writing extensive JavaScript, DHTML and CSS libraries.

Programmer/Webmaster - Townsend Analytics - Chicago - 1998-2000

- Built and maintained sales/support/SDK site for RealTick, then the market-leading desktop stock-trading platform.
- Prototyped the Web site for Archipelago ECN, now part of the New York Stock Exchange.

Industry and Channel Experience

- Financial services
- Travel
- Beauty
- Outsourced software development
- Marketing

Education

B.A., Honors College, Michigan State University, East Lansing, MI

- Worked full-time on daily campus paper, The State News, and helped launch its first Web site.
- English major.
- Journalism minor.