

Donovan Walker

phone: 612.424.5119, 602.448.0151

email: donovan@donovanwalker.com

Profile

I am proactive problem solver with excellent technical, analysis and relationship skills. I appreciate all aspects of the software creation process from system design to code implementation. While my strong technical background enables me to assess and correct systematic deficiencies and improvement opportunities, I am also able to very effectively translate technical requirements into effective leadership at all levels needed to get the job done. Additionally, my design and user interface experience means I am able to work with others to create usable sites that meet user needs and are visually appealing.

I am motivated by a strong desire to see/help people excell and have an enjoyable experience with what they are doing. If my customers, clients and coworkers are happy, that's a good day.

Skills

- Strong interpersonal skills: team and project management, including specification gathering, presentation, building and maintaining stakeholder confidence throughout the development process.
- Excellent technical writing and communications skills (ability to translate complex concepts into specific and discrete requirements at all relevant levels)
- Programming Languages: Ada, C++, Java, Lisp, Perl, Prolog, Python, Visual Basic
- Object Oriented Design, multi-threaded server development, relational database interfacing and design
- Web: AJAX, CSS, DHTML, Flash, Freemarker, HTML, Javascript, jQuery, MySQL, PHP(4&5), Python, XML, Zope.
- Development Environments: Netbeans, Eclipse, Vim (limited).

Work Experience

*For the purposes of this resume 'frontend web technologies' means a combination of HTML, Javascript, and CSS.

Software Architect & Lead Developer, Visa New Venture (June 2008 - present)

- Designed and Implemented advanced, soon to be released web application using PHP, AJAX, Smarty, jQuery, MySQL, Orange Orange, HTML2PS, Amazon FPS, Google's Contacts API, FCKEditor, Flash, XML
- Created mysql data administration interface using PHP, AJAX, Smarty, jQuery, MySQL, Orange Orange, FCKEditor to overcome some of the limitations of phpMyAdmin.
- Team management – worked with web designers and development people to create a usable, attractive product.

Donovan Walker

phone: 612.424.5119, 602.448.0151

email: donovan@donovanwalker.com

Senior Developer, Network Technologies - Turbo Compliance (November 2007- June 2008)

- Designed and implemented global, multi-timezone calendar scheduling system from the ground up (similar to google's calendar). Using PHP, Pear, AJAX, Smarty, jQuery, MySQL.
- Designed and implemented new tools based on frontend web technologies to improve productivity and maintainability of code base.
- Created jQuery based dynamic templating extension, Orange-j.

Web Framework Architect, Kemteck Inc. (October 2006-November 2007)

- Conceptualized, designed and implemented second generation BORG web framework/CMS capable of powering hundreds of web sites with a single installation. PHP, MySQL, AJAX, Plesk, frontend web technologies.
- Separated and consolidated BORG utilities into the Orange Orange AJAX/DB library
- Consulted with company management to plan rollout strategy for new technologies
- Managed web design team to create web enabled layouts in a timely manner
- Recruited and managed internal web designers
- Managed off-site contractors to create commercial websites

Web Application Designer/Project Manager, Catalyst Design Group (May 2005-October 2006)

- Conceived BORG 0.5 open source web framework – a PHP based dynamic object datastore to allow users to configure datatypes pre-& post creation (imagine a collection of multiwebsite javascript objects, searchable, stored in a MySQL database)
- Worked with clients to gather project specifications, recommend ideal solutions, and lead web projects to completion with high levels of customer satisfaction
- Created affiliate marketing web application admin frontend powered by PHP, AJAX and frontend web technologies for real-time visitor statistics. Python based chron backend for screen scraping of external website conversion pages and performing a cross referencing a MySQL database finally emailing the results to the client
- Created Web systems that connect external systems such as Ebay, Linkshare, CJ, and Amazon APIs to company websites. - **wow.. that was a while ago. I don't remember doing that.**

Application Designer, Developer, Corporate Enhancement Group (January 2004-May 2005)

- Worked intensively with on-site Web Designers and Programmers to create thin-client CRM tools and order management systems using Java, Freemarker, Jython and frontend web technologies. Conceptualized and implemented “Zero Reload” interface (AJAX)
- Worked with enterprise class clients to gather information for project specifications for a potential market forecasting tool. Consulted on backend design. Implemented matrix builder tool using Freemarker and frontend web technologies.
- Implemented final update of proprietary Zope based website management tool.

Donovan Walker

phone: 612.424.5119, 602.448.0151

email: donovan@donovanwalker.com

- Designed and implemented static and dynamic websites, Java servers, EJB components
- Introduced office to PHP and Mambo as a rapid development platform for simple websites
- Leverage existing technologies and available talent to increase department output (fileservers, forum, communication standards, positive motivation, training and accessibility)

IT Director, Montessori Day Schools (January 2001- January 2004)

- In 2004 became advisor to school board
- Designed and implemented a networked, software based time clock utilizing Java and MySQL for employees at distributed locations. This resulted in increased report accuracy and cut payroll calculation time by 66%.
- Designed and developed school website with Javascript, Flash, DHTML, and image gallery generator scripts.
- Developed beta version of community web based application for student tracking and teacher/parent communication.
- Created school interactive technical support site including software catalog with 'shopping cart'. (html, javascript, perl) This resulted in reduced need for technical support and shorter response times when support was needed.
- Designed and coordinated the implementation of a 3 campus school WAN.

Education

BS in Computer Science, Arizona State University College of Engineering and Applied Sciences (May 2001)

Volunteer and Community

- Present: Projekt Orange – Open Source PHP and jQuery libraries
- 2006: Phoenix Bond Issue – Education Subcommittee Member
- 2004-2006: Downtown Voices Coalition – Steering Committee Member