Dan Dofter

Contact

3605 18th St. Apt 3
San Francisco, CA 94110
(415) 864-4874 (home)

dan@dofter.com
http://dandofter.com
http://www.linkedin.com/in/dandofter

Summary of Qualifications

- Professional software developer with over ten years of experience creating and maintaining web applications for large and small businesses.
- Proven experience leading engineering teams to deliver high quality, well-tested software on schedule.
- Track record of continuously exceeding expectations and finding new ways to help businesses achieve their goals.

Active Skills

Web Standards: (X)HTML, CSS, AJAX, RSS/Atom
Web Frameworks: Rails, Merb, Sinatra
Programming Languages: Ruby, JavaScript

Databases: MySQL
Version Control: Git, Subversion
Operating Systems: OS X, UNIX/Linux

Employment

Pioneers of the Inevitable (Songbird)
Engineering Lead

San Francisco, CA
April 2007 – December 2008

Demonstrated clear leadership as the engineering lead for the team responsible for creating and maintaining the web applications and services which support the Songbird Music Player.

- Took on the roles of project manager, engineering manager, and architect as needed.
- Hired a team of top developers from the Ruby community.
- Represented the team when dealing with other departments and business partners.
- Set the standards for both development and project management based on Agile and Test-Driven Development methodologies.
- Inherited a code base with no unit tests and brought test coverage to over 90% across all web applications and services.
- Built applications which were able to withstand traffic increases brought on by repeated mentions on Digg, TechCrunch, and Slashdot.

Lead the creation or total rewrite of every Songbird web application or service.

- **Songbird Add-ons Directory:** a place for users to discover, download, or contribute add-ons which extend the functionality of Songbird. Created the architecture and lead the development of a complete rewrite in Ruby on Rails.
- **Songbird Translation Tool:** a place where users can contribute translations for the Songbird Music Player and make the new translations available from within the application. Created the requirements, wireframes, architecture, and lead the development of this application using Ruby on Rails. This application was built and deployed in less than six weeks.
- **User Profile Management Application:** provides centralized user account management and single sign on / single sign off for all Songbird web applications and services. Created the requirements, wireframes, and lead the development of this application using Ruby on Rails. This application was built and deployed in less than six weeks.

- **Application / Add-on Update Service:** provides automatic updates for the Songbird Music Player and its add-ons and translations. Created the requirements and lead the development of this application using Ruby, Sinatra and DataMapper.
- **Metrics Tracking Service:** collects usage metrics from the Songbird Music Player. Created the requirements and lead the development of this application using Ruby, Sinatra and DataMapper.
- **Metrics Reporting Application:** generates charts and graphs of critical business metrics from a variety of data sources. Created the requirements and lead the development of this application using Ruby, Sinatra, DataMapper, and TimePlot.

Freelance Software Developer   June 2006 – April 2007

- Created a web application in Ruby on Rails for Promontory Financial Group which analyzes and reports on the risks associated with Promontory's various clients in the financial sector.
- Created a prototype storefront for Eric Javits to sell their line of high end accessories using the Substruct Ruby on Rails-based e-commerce framework.

Data Advantage Group, Inc   San Francisco, CA
Senior Software Engineer   January 2005 – October 2006

Responsible for the continued design, development, and support of MetaCenter, the company's metadata management product. MetaCenter is a web application built using Java.

- Created and implemented technical designs for numerous enhancements to satisfy client needs and guide the overall evolution of the product.
- Redesigned the development, testing, build, and deployment processes to increase developer efficiency, reduce bugs, and minimize support cases.
- Supervised the development work done by the company's overseas partners in China and India.

Cisco Systems   San Jose, CA
Software Engineer / Functional Analyst   January 2003 – January 2005

Enhanced and maintained the web application responsible for managing the learning credits that Cisco's customers use to purchase training from Cisco's partners.

- Responsible for implementing features across the system using Java and JavaScript on Tomcat and PL/SQL stored procedures running under Oracle 9i.
- Provided thorough impact analysis and time estimates for enhancement requests.
- Refactored the build system and reorganized the source tree to increase developer productivity and decrease the time required to set up a new instance of the application.

Developed and enhanced various web applications to help maintain Cisco.com.

- Defined the requirements and architecture of a web-based application used to create and modify the layout of templates which automatically generate the web pages for Cisco.com based on a semantic web ontology.
- Developed a JSP tag library used to provide a consistent look and feel for Cisco.com's internal applications.
- Defined the requirements and data model for logic used to automatically generate lists of URLs on Cisco.com based on a semantic web ontology.

Qbiquity, Inc   San Francisco, CA
Senior Software Engineer   May 2001 – December 2002

Improved the client experience for Qbiquity's advocacy management system.

- Rewrote the presentation layer using Java on Tomcat.
- Created an application for clients to administer advocacy programs using Swing.
- Created a lightweight template language and parser to allow clients to easily personalize their advocacy programs.
- Created a reporting service to allow clients to measure the effectiveness of their advocacy programs.
- Implemented advocacy management programs and provided technical support for clients.

Eazel, Inc
Mountain View, CA

Software Engineer
August 2000 – May 2001

Brought Eazel's web services for Linux from prototype to production as a member of a small engineering team. Took an ownership role of several components.

- Designed and implemented portions of Eazel's user management, registration, and survey engines using Java on Weblogic and Solaris.
- Fixed numerous bugs and added features throughout the entire system.

Cybergold, Inc
Oakland, CA

Software Engineer
January 1999 – August 2000

- Designed and implemented promotions and other offerings for Cybergold's incentives marketing website based on clients' requirements using Java on servers running Apache, Weblogic, and Solaris.
- Created a data synchronization service to receive and process data from Cybergold clients over HTTP and SMTP, making Cybergold's services more attractive to potential clients.
- Created a mailing utility using Perl and Sendmail to send personalized emails to members of Cybergold's website.

Education

University of Missouri - Rolla
Rolla, MO

B.S. in Computer Science, Minor in Mathematics
August 1995 – December 1998

- Curriculum placed a heavy emphasis on multithreaded, object-oriented, and network programming in a UNIX environment, primarily using C++.
- Participated in several undergraduate research projects.
- **Scholarships:** *Texas Instruments Scholarship, Alumni Association Scholarship, "Bright Flight" Scholarship.*
- **Honors:** *Upsilon Pi Epsilon Computer Science Honor Society, Phi Eta Sigma Freshman Honor Society, Honors College.*

References available upon request.