

BJ Neilsen

Senior Software Developer

3038 W 1330 N
Provo, UT 84601
T 801.404.3893
bj.neilsen@gmail.com
<http://www.rand9.com>

Profile

I am a senior software developer who loves to focus on creating and deploying complex systems. The web has been my canvas for over a decade, half of which as a full-time developer. I constantly refine my development skills to implement smart, fast, efficient solutions. I excel at building software that brings the right experience to the customer.

Personal

I have a wife of 5 years, and two children: ages 4 and 1; I love being with my own and extended families. Personal obsessions include: Being with family and friends, anything Mac (Apple) related, Programming, Art and Graphic Design, Competing in Triathlon's, Rock Climbing, Soccer, Skateboarding, Snowboarding, Swimming, Cycling, Running, Hiking, Camping, Motorcycles, Traveling, and Summer-time Barbecues.

Technical Skills

I have extensive experience with OO framework programming and creating clean, usable interface designs with the dynamic combinations of AJAX, (X)HTML, and CSS 2.1. I pride myself in the working knowledge I have of Regular Expressions (PCRE).

My working technologies include: Java 5, Ruby, Ruby on Rails, PHP 5, Git, Subversion, CVS, Regular Expressions, Apache, ModRewrite, Tomcat, ImageMagick, AJAX (using jQuery and Prototype), Javascript, MySQL (including Stored Procedures), XML, (X)HTML, and CSS 2.1. I also have limited experience with C++, Objective-C, Perl, and Bash scripting. I excel in smaller teams of 2 to 5 developers, taking the lead where necessary.

I am very comfortable at the command prompt on any flavor of *nix, specializing in Mac OSX Fedora Core, and KDE Ubuntu. I have deployed and maintained multiple production environments using Apache, MySQL, PHP, Git, Subversion and CVS. I have also assisted in planning and deploying an entire in-house server solution for programming and intranet-type applications that include the following: Development server (with multiple instances of application code and database), Staging server, Application server, DNS server, and SVN server.

I am proficient with the entire Adobe Creative Suite. I have designed countless websites for personal and commercial use using CSS-based layouts. I created several designs for the Children's Miracle Network for use in their National Convention. I won a logo, packaging, and stationary design competition for a local company, which they in turn used on all their retail products. I have worked directly with the Art Directors for Tahitian Noni International and Nu Skin Enterprises. I have designed everything from logos, packaging, websites, books, newsletters, postcards, brochures, and flyers.

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Experience

Software Developer, BidSync; American Fork, Utah — 2008-Present

Consultant on enterprise-level software architectures and frameworks. Extending the Vendor Registration process for usability and better data tracking. Built a powerful subscription management system with maximum flexibility to handle different styles of subscriptions.

Lead Developer, MarketPartner; American Fork, Utah — 2007-2008

Re-engineered an existing software base built to allow web-to-print capabilities for small businesses. Created a new framework in PHP5 built on a modified version of the Code Igniter framework. Designed and implemented the necessary architecture to support a web-based multi-portal environment for the main application, which also supports multiple applications inside the framework. Created and modified data schemas using MySQL. Focused on creating usable front-end interfaces driven by AJAX and a custom templating solution. Managed web designers and developers.

Website Developer, Heritage Web Solutions; Provo, Utah — 2006-2007

Primarily focused as the only developer on a massive travel-based site. Also worked with one other high-level developer on a large auction site written entirely with PHP 4 objects.

Software Developer, Wildcat Software; Orem, Utah — 2005-2006

Maintenance Programmer on custom shopping cart software. In charge of creating custom websites for high-level clients. Worked on a project to overhaul the main template system for all clients.

Software Developer, Tahitian Noni International; Provo, Utah — 2003-2004

Part of a large project team to redesign the company's public site which services millions of distributors worldwide. Worked on an open source email project (Squirrel Mail) to re-factor it for distributor use. Redesigned and maintained the company intranet.

Education

Utah Valley University, Orem Utah - Currently pursuing a Bachelors of Fine Arts with an emphasis in Graphic Design.

Referrals

Rainer Åhlfors, Director of Software Development, Wildcat Software; 801.426.8221

Craig Doxey, Digis Wireless Networks; 801.372.9716

Ron Heaps, Managing Director of Software Development, Tahitian Noni International; 801.234.1000