

RESUME OF NATHAN BISHOP

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Personal Details/Info

About me:

To introduce myself a bit beyond the experience information to follow, those who are reading this and interested in employing me either just for contract work or more, will find I'm an eager worker, I can get work done fairly quickly yet correctly, and have a good understanding that things change and always push to learn the changes in all the technology I work around.

I'm am admittedly though rather quite obsessive compulsive, which does show in my coding and design, most things I work on end up very neatly written and designed and it can be seen quite clearly in code examples which can be provided upon request.

My main interests come from learning new technology and features, and improving upon my current knowledge with things.

The only exception I take to this is Java, I am not nor plan to be a Java developer, the most I do with touching Java is I've converted Java sites before to PHP, that's enough for me, so please if you're looking for a Java developer, I am not your guy.

Personality wise I'm a rather casual individual, I admit I'm not much of the whole suit and tie type of individual simply because of the broad variety of work I can do, and when possible I do prefer contracted jobs (telecommute) over in-house unless the in-house position is a comfortable and casual environment really, as well as something that might interest me in the probable relocation required.

I'd like to also note the details listed below are definitely not my limits, there may be more minor things or even capabilities I have that I didn't think to list as I've done and tinkered a lot in my now 12~ years as a freelancing web developer/designer (jack of all trades really), so if you have any specific interests beyond what I have listed below, please ask and see if I may be familiar with them.

With that all said, I'd like to point out up front that I am comfortable (and pretty used to at this point with my auditing related experiences) with any job that comes with a Non-Disclosure agreement.

Experience/Primary Skills & Abilities:

Websites / Backend / Development:

'Web Design' (HTML/XHTML, CSS);

13 years total with 11 years working experience.

I'm familiar with strict and transitional classic markups (HTML 4.x, XHTML 1.x) as well as HTML/XHTML 5. I understand (and prefer to enforce) cross-browser capable design.

I'm also familiar with virtually all CSS levels and current supported technology.

Javascript (Including AJAX / JSON methods);

13 years total with 10 years working experience, inc. 7 years utilizing AJAX/JSON.

I'm familiar with general web-facing Javascript frameworks (jQuery, xui, \$dom), as well as especially familiar with 'pure' Javascript (object-oriented preferably) development.

PHP;

12 years total (PHP5+ primarily) with 11 years working experience.

PHP is effectively my main interest and actively used language skill on the backend.

I'm familiar with the more popular CMS software (Drupal, Joomla, Wordpress) and the more popular base frameworks (Symfony, CakePHP, learning Laravel currently).

I've also got my own framework I use for certain things and use as an example towards my ability with PHP as a language. I'm also familiar with (and prefer) object-oriented PHP.

MySQL;

12 years total (MySQL5+ primarily) with 10 years working experience.

This experience goes towards using MySQL along side PHP as well as maintaining and installation of MySQL (this being oriented towards my system administration experience).

XSS / Intrusion Prevention, Auditing;

8 years total and working experience.

These years are focused primarily around security and auditing in PHP software, finding and preventing XSS, SQL injection, platform/software exploits in popular software

I also factor this towards my system administration knowledge some in maintaining software and checking systems that may have been breached.

Performance Auditing;

4½ years total and working experience.

Most of my work the past many years along side being security oriented has also been based around patching up code to perform better (implementing memcached as an example) under higher loads and traffic.

Quality Assurance (QA);

5 years total and working experience.

These years are mixed between QA as a project member as well as from a user aspect of mixed software projects and applications with once so far being a QA lead role.

Senior Development Roles / Team Management;

5 years total and working experience

These years are collective over different jobs where I've held some level of lead/senior developer in PHP/MySQL roles, either managing a team or teams as well as hiring. This also includes code/model deployment, developer/security policies and more.

Webservers (HTTPd);

7 years with Apache, 3 years with Lighttpd and a ½ year rough with nginx total.

The past few years have primarily been aimed at working with lighttpd (as I mostly work with performance oriented setups), and loosely some with nginx.

I'm still familiar with Apache but I rarely work with it currently any further on most jobs and usually push at replacing it on most jobs I end up involved with.

Hardware / Physical:

Networking Administration;

6½ years total and 5½ years working experience.

This experience mostly is oriented around small to mid networking, in-office work and limited experience around rack environments (though with interest to learn further).

Phone Systems;

6 years total and working experience.

Mostly mixed years in home and small to medium office phone networking/systems.

System Administration;

7 years total and working moderate experience.

Familiar with building actual servers, as well as installation and administration.

Mostly experienced with remotely maintaining and setting up dedicated/virtual servers.

Software Use / Software Development:

Operating Systems / Software

Microsoft Windows;

10+ years total and working experience.

This is general desktop experience ranging from Win95 to Windows 7 over a long time.

I do not work with Windows as a server environment (far prefer *nix oriented environments).

Linux/Unix;

9½ years total and 8 years working experience.

Familiar primarily with RHEL based distros, general familiarity around Debian/Ubuntu and some FreeBSD as well. My experience is oriented mostly around these as server distros..

Adobe / Macromedia Software;

10 years total and working experience.

I've been using the Adobe (once called Macromedia) suite for quite a time, though I primarily utilize Photoshop for graphics/layout oriented things (especially taking a PSD design and working an actual layout from it) and Dreamweaver as an IDE (though I will note I do not use the WYSIWYG editor at all, my design and code writing is all by-hand).

Revision Control;

1½ years with CVS, 3½ years with SVN, 3 years with Mercurial (Hg) and Git

Primarily utilize Hg and Git these days, also running Hg for my own [personal repository](#).

Development

C Programming;

5 years total non-working experience.

My experience around C applications is mostly just involved in random open source applications and personal projects, my understanding is moderate these days.

C++ Programming;

2 years total non-working experience.

Much like my C experience, my C++ understanding is mostly oriented around open source projects and some personal applications

Other Experience;

Flash ActionScript, Perl, Python, C# (.NET),

Limited Experience, but a general working understanding of each.

Active Projects / Employment:

LoISnaps: (Developer, System Administration);

March 2012 – Present; <http://lolsnaps.com/>

Currently the main developer for the website as well as active system administrator for lolsnaps and some sister sites of the parent client.

America's Army: (Community Manager);

August 2010 – Present; <http://www.americasarmy.com/>

Currently one of the Community Managers for the Army Game Project; America's Army, primarily maintaining the IRC services and support.

Freelance: (Web Development/Design);

March 2009 – Present; <http://synaptic-tech.com/>

Still doing freelance contracts on the side with my main project (listed above) being on and off work at the moment.

neuFramework: (Project Founder / Developer);

March 2009 – Present; <http://neufw.st-projects.com/>

An open source multi-framework in development, aimed at 'new' developers looking to dive into a complex yet easy to learn setup which is fully functional and provides ease in learning.

Also oriented as a framework I use to present my abilities in 'pure' PHP to clients/employers.

Past Projects / Employment:

Isohunt.com / Podtropolis.com: (Software Developer);

October 2006 – October 2013; <http://www.podtropolis.com/>

On and off development work with Isohunt.com and sister site Podtropolis.com.

Parasane: (Web Developer/Designer);

August 2008 – March 2009; <http://www.parasane.net/>

Active contract web development working on miscellaneous projects and websites for Parasane, LLC.

Talent Trove, Inc / Lafango: (Senior Software Developer);

February 2008 – July 2008;

Was employed as the senior software developer, of which my job required the creation of a framework for the site (which was an extremely early prototype of neuFramework), managed several things as well (including general system administration and developer policies).

Left the company over some conflicts of interest and ethical concerns.

Freelance: (Web Development/Design);

May 2002 – August 2008;

A good 6-ish years freelance web development.

Current Goals:

Currently not looking for any real full-time gigs that would require relocation unless it really would interest me greatly to do so, focused mainly on any freelance/telecommute roles fitting my above abilities and skills.