

NATHAN HARRIS

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Summary

I am a Software Engineer with experience in building WordPress applications, including custom plugin development, site building using commonly used plugins, and creating custom themes. I am looking for a position as a contractor or full-time employee, and am open to various roles whether it be working alone, leading a project, or working as a member of a team.

WordPress Development

Custom Plugin Development: I have developed a number of custom WordPress plugins and am familiar with the majority of the APIs that are documented in the Codex.

Theming: I am familiar with the WordPress theme layer and theming related functions, such as The Loop. My preferred set of tech for theming includes SASS/Compass, Bootstrap, jQuery, and templates written from scratch.

Site Building: I have worked with a variety of commonly used WordPress plugins, and am comfortable finding, evaluating, and extending new plugins when needed. Most of the projects I build center around the Custom Post Types UI (CPT UI) and Advanced Custom Fields (ACF) plugins.

Optimization: I have worked with a variety of server-side optimization tools and have spent a significant amount of time optimizing WordPress sites for both frontend and backend performance.

Dev Ops: I am comfortable building and administering a LAMP or LEMP server, and have also managed WordPress sites hosted on Pantheon and WP Engine's platforms.

LAMP Development

PHP: I have worked with PHP since the beginning of my career, including building OOP applications from scratch and working with frameworks like Zend, Laravel, and Symfony.

MySQL: I have been employed as a MySQL DBA, and am comfortable setting up replication, writing custom views and stored procedures, writing complex queries, and conducting general query optimization.

Linux: I am comfortable working from a Linux command line and doing basic systems administration.

Education

B.S. Computer Engineering, WVU – 2002

References

Professional references are available upon request.

Experience

NRH Works

Owner & Lead Developer / 2010 - present

NRH Works is my company, which I use for all of my freelance work. At most, I have had 8 developers working for me at the same time, but have presently scaled down to just a couple of developers to whom I send overflow work. Some of the more notable clients we have worked with include: Plus Factory, Ally Interactive, Convergence Tech, Lymphé Divas, Playon TV, Sntial Tech, Belle & Wissell, Palomar College, and ModOp.

Freelance Software Development

Freelance Software Engineer / 2002 - present

Throughout my career, I have worked as a freelance developer. A few of the more notable sites I have either built or worked on in this capacity include: playon.tv, ktdcreative.com, comicsfix.com, sais-jhu.edu, lymphe-divas.com, sproutonline.com, docs.xamarin.com, observer.com, yourtango.com, media-partners.com, wm3.org, and preferredhotels.com.

Investor Place Media

Senior Software Engineer / 2008 - 2010

I worked at Investor Place Media as a Software Engineer developing new sites and maintaining existing sites. Some of these sites were developed using a custom CMS written in Perl, while others were developed using Movable Type.

Democratic National Committee

Software Engineer & DBA / 2004 - 2008

I was hired as a DBA by the DNC during the 2004 presidential campaign. I eventually transitioned to a Software Engineering role, and during my time there I worked on the following projects:

Democrats.org: the online face of the DNC. The version of the site I worked on was a custom PHP-based application with almost 10 million registered users and over a million donors.

Demzilla: accounting software for tracking donations and filing FEC reports. During my time working on this project, we processed nearly half a billion dollars in donations.

Data Mart: a MySQL database of all registered voters in the US and various associated data. When I worked on this project as a DBA, the database contained nearly 450 million records.

Custom applications: I developed a number of tools for the DNC Press Department, DNC Political Department, DNC Tech Department, and various State Party offices.

WVHTC Foundation

Software Engineer / 2001 - 2004

I worked as an intern at the WVHTC while attending WVU, and was then hired as a Software Engineer. My responsibilities there involved working on ASP and ASP.NET web applications.