

# NATHAN HARRIS

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## Summary

I am a Software Engineer with experience in building various types of open source applications including CMS based sites using Drupal and WordPress, applications using PHP frameworks such as Zend, Laravel and Symphony, and mobile apps for both Mac and Android. 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.

## Skills

**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 Symphony.

**CMS:** I have extensive experience building applications using Drupal and WordPress, and do custom module/plugin development, theming, and site building/configuration on both platforms.

**Front End:** I have worked with a variety of front end technologies, including but not limited to HTML5, CSS3, SASS/Compass, Bootstrap, Foundation, Ionic, jQuery, Yui & Angular.js

**Mobile:** I have developed mobile applications using the following technology stack: Angular.js, HTML5, Cordova, Ionic Framework, and Phone Gap.

**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, Lytleworks and Belle & Wissell.

### 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, lymphé-divas.com, sproutonline.com, docs.xamarin.com, observer.com, yourtango.com, media-partners.com & wm3.org.

### 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.