

John Berberich

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http://johnberberich.com
Cincinnati, OH

Full Stack Software Developer

I am a Full Stack Software Developer with over 14 years of experience working with organizations of all shapes and sizes, from a four-person software startup to a Fortune 25 grocery giant.

Over the past few years, I've enjoyed writing modern, object-oriented PHP with the help of Laravel 5 and Symfony 2; and building dynamic, well-structured JavaScript front-ends with Vue.js and Backbone.js. Before my foray into the PHP world, I was a .NET guy, building ASP.NET sites, developing for SharePoint, and creating Windows GUI and service applications.

I value writing clean, self-documenting code; honing my skills in TDD; and pursuing tangential interests in DevOps automation, application containerization, and building scalable web architectures.

Work Experience

Nov 2015 - Present
Telecommute

Miles Partnership, LLLP

Web Application Developer

- Reverse engineered legacy PHP codebase to redesign and develop new SaaS application built with Laravel, Vue.js, and MySQL for travel and hospitality industries.
- Deployed SaaS on Heroku and maintained application releases.
- Implemented multi-tenant functionality on SaaS application designed for multiple vanity domains, separate MySQL databases, and a partitioned Redis cache.
- Built performance dashboard using Google Analytics data and Chart.js.

Jun 2015 - Oct 2015
Blue Ash, OH

Simplify3D

Senior PHP Developer

- Helped harden, launch, and enhance new Laravel application (<https://cloud.simplify3d.com>) and Lumen API to thousands of users across the globe.
- Added role and permission based security using Entrust library to Laravel application.
- Created 3D printer compatibility checker for Wordpress website using PHP and JavaScript (<https://www.simplify3d.com/software/check-compatibility/>).
- Developed proof of concept for embedded web server using Qt and C++.

Oct 2013 - May 2015
Cincinnati, OH

KnowledgeWorks Foundation
Freelance Software Developer

- Built a CMS and reporting application with a small team using Symfony 2, jQuery, and Bootstrap to track learning goals for school districts.
- Improved JavaScript chart builder by replacing jQuery with Backbone.js to simplify browser interactions between Highcharts and Handsontable. This also made the application much easier to enhance.
- Modernized legacy PHP and Drupal 6 codebase by bringing in Composer for dependency management and Twig for HTML templates.
- Collaborated with a UX Designer to rebuild front and backends of learning management system's grading pages using jQuery DataTables and Bootstrap.

Aug 2007 - Jun 2012
Blue Ash, OH

The Kroger Co.
Software Developer

- Helped design, build, and maintain content and layout sharing components between Kroger.com's SharePoint and ASP.NET applications.
- Managed builds and deployments for Kroger.com's SharePoint and ASP.NET applications.
- Designed and implemented video metadata synchronization service using SharePoint and C# for associate information portal.
- Utilized PowerShell to build a set of automation scripts to create and distribute security certificates for associates' "Bring Your Own Mobile Device" program.

Mar 2007 - Aug 2007
Miamisburg, OH

FormShare, LLC
Software Developer

- Worked alongside owner to build an ASP.NET web application in C# for automating business processes for career and technical schools.
- Built extensible, data-driven data import service using .NET Web and Windows Services.
- Fixed ASP.NET AJAX-related performance and rendering problems in form builder application.

Aug 2005 - Mar 2007
Miamisburg, OH

Com-Net Software
Software Developer

- Developed a touch-screen kiosk application for a large rental car company using C# and WinForms.
- Built a small flight tracking and notification web application in VBScript and ASP for an international airport in Florida.
- Collaborated with development team to build a Windows-based CMS in C# and WinForms for hospitality-related data, which was displayed on digital signage within client hotels.

Nov 2002 - Aug 2005
Blue Ash, OH

United Medical Resources, Inc.
Senior Programmer Analyst

- Began development on a vendor management system in ASP.NET and C# that would replace many individual Access applications.
- Maintained and supported various and disparate MS Access applications for healthcare vendor management.
- Built a web application in ASP, VBScript, and MS SQL Server for health care managers to track high-risk patients and to follow their compliance through a managed health plan.
- Maintained and supported a Windows application in VB6 and MS SQL Server for maintaining healthcare providers.

Skills

Languages	PHP, JavaScript, C#, Ruby, Python
Frameworks	Laravel, Vue.js, Symfony, Backbone.js, jQuery, Twitter Bootstrap, ASP.NET
Databases	MySQL, Redis, MSSQL, MongoDB
Other Tools	Linux, Git, Vagrant, AWS, Apache, Jenkins, Docker, Gulp, Grunt, NPM, GitLab

Education

2000 - 2002

Wright State University
B.S. Computer Science

1998 - 2000

Xavier University
B.S. Computer Science degree program (transferred to above)