

Phil Stoll

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Skills

Languages

PHP
C#, VB, .NET
Python
Javascript
CSS

Frameworks/Libraries

Zend MVC Framework 2/3
Zend Expressive
Doctrine ORM and DBAL
jQuery
Bootstrap

Databases

MySQL
SQL Server
IBM DB2
c-treeACE

Development Tools

Git
Composer
NPM
Vagrant
Docker
Gulp.js
AWS Services
Jira, Bamboo,
Confluence
Jenkins

Work Experience

[FairCom](#) - January 2019 - Present

Software QA Engineer

- Test and provide technical support for use of the c-treeACE multi-model SQL and NoSQL Database Engine
- Developed a continuous integration system built with Jenkins to automate the running of existing test suites
- Develop and maintain cross platform tests for the c-treeACE database engine and APIs built for C/C++, Java, C#, VB, NodeJS, Python and PHP

[Eversight](#) - May 2013 - December 2018

Software Developer

- Develop and maintain web applications, as well as SOAP and XML-RPC web services, using PHP and Zend Framework 3
- Created a unit test and functional test suite that brought our primary code base from 0% to 80+% coverage
- Implemented a continuous integration system using Atlassian Bamboo
- Developed a payment processing application that is integrated with Authorize.net and Stripe
- Trained and mentored junior developers in programming methodologies and best practices

[IBM](#) - May 2012 - May 2013

Database Administrator

- Provided database support for DB2 and SQL Server instances running on Linux, Unix and Windows environments
- Performed server installations
- Provided data security, backup and recovery services for several thousand databases
- Provided performance tuning, capacity monitoring and health check support
- Trained and mentored junior DBAs

[State of Missouri: Attorney General's Office](#) - January 2009 - May 2012

Software Engineer

- Developed web applications in PHP and C#.NET
- Implemented an in house litigation support management system and managed the technical aspects of all cases requiring Electronic Discovery, saving several million dollars by not having to outsource these projects
- Developed a custom system to automatically generate each user's custom Virtual Desktop environment, by automatically mapping drives and printers, installing VMware ThinApps and desktop shortcuts as configured.
- Maintained existing enterprise level apps that were developed in Microsoft Access and VBA

[State of Missouri: Department of Economic Development](#) - July 2008 - January 2009

Computer Information Technologist I

- Developed web applications using C#, ASP.net, and SQL Server
- Worked in a team environment, using Agile development methodologies
- Managed web statistics for our department's web sites
- Wrote, tested, debugged code and created unit tests for C# applications

Portfolio

- My personal website (philstoll.com), which right now is just a web version of this resume, runs on the following tech stack. [View Git Repository in BitBucket](#).
 - PHP 7.1, Zend Expressive, Bootstrap 4, JQuery, MySQL, Apache 2.4, Ubuntu 16.04 running on a DigitalOcean VPS
- Lead developer for a PHP web application that aggregated years of law enforcement traffic stop data, broken down by race, and presented in a format where the results could easily be analysed by the public. It allowed comparisons to be made year by year, and against different agencies. This application was publically available from 2010 - 2016, but appears to have been taken down since the new AG took office, but not before MSNBC ran a 30 minute feature, highlighting the application and results they discovered while using the application.
 - *"There's this incredible arrest by arrest data made publicly available on the website of the Missouri Attorney General's Office every year. And it's well laid out, just click on the county, click on the town within the county, click on it year by year..."*
- Rachel Maddow (Host of The Rachel Maddow Show on MSNBC) [View Video Clip](#)

Education

Westminster College - Fulton, Missouri
Bachelor's Degrees in Computer Science and Mathematics
GPA: 3.5

Related Coursework

Computer Science:

Programming Logic and Design, C++
Fundamentals of Computer Science I, C++
Fundamentals of Computer Science II, C++
Visual Basic Programming
Web Page Design, HTML, CSS
Computer Networking
Systems Analysis and Design
Database Management Systems
Mainframe Computing Environment

Mathematics:

Calculus I, II, and III
Advanced Probability and Statistics
Differential Equations
Linear Algebra
Econometrics
Math Seminar
Modern Algebra
Advanced Calculus
Topology and Geometry

Community Service

- Little league baseball coach
- Knights of Columbus free throw contest volunteer
- Dog foster for a local animal shelter ([View gallery of past fosters](#))