# DAVEY SHAFIK

## location

Greater Seattle Area, WA

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*References available upon request.*

## Profile

Davey Shafik is a full-time developer with over 15 years of experience in PHP and related technologies. He is a Developer Evangelist at Akamai Technologies, and has written four books, numerous articles, and spoken at conferences the world over. He is best known for his books, the Zend PHP Certification Study Guide and PHP Master: Write Cutting Edge Code, and as the creator of PHP Archive (PHAR) for PHP 5.3. He is the Release Manager for PHP 7.1.

Davey is passionate about improving the tech community. He co-organizes the Prompt initiative (mhprompt.org), dedicated to lifting the stigma surrounding mental health discussions, and has worked with PHPWomen since its inception.

## Experience

### Developer Evangelist, Akamai Technologies | July 2015 - Present

As a Developer Evangelist at Akamai, I have been tasked with educating customers and potential customers about our APIs, and how to integrate Akamai products at every level of the stack — from devops, to frontend.

During my time there I have focused heavily on HTTP/2 and new web architectures, including contributing better HTTP/2 support to both the PHP curl extension, and Ruby Curb gem, as well as contributions to Python's Hyper H2 project.

To help bring Akamai automation into the existing workflows of developers ("to meeting them where they live"), I lead the effort to build multiple third-party integrations, including Terraform, and WordPress.

In addition I envisioned, architected, built, and lead the efforts around Akamai CLI which brings a consistent developer and user experience to Akamai's products via the command-line.

With Akamai CLI, I was responsible for building the primary command line interface in Golang, including a meta package manager, and secure self-updating capabilities, creating UX/DX guidelines including a complete UI Style Guide, and working with other teams to design, build, and review additional sub-tools written in JavaScript, Python, Ruby, PHP, and Golang.

### Community Engineer, Engine Yard Inc. | April 2013 - June 2015

As a community engineer for Engine Yard, I have been involved in many aspects of our marketing and product initiatives including helping develop ROI metrics for developer relations, and go to market strategy based on community feedback and observation. I have been involved in producing marketing messaging and materials for both the PHP community and the general tech community.

My primary role has been representing Engine Yard at conferences by informing potential customers about our products, as well as speaking at most. In addition, I am responsible for in-depth and blog technical content, podcasts and organizing the Engine Yard developer conference, Distill.

Additionally, I have been active in numerous open source projects as well as participating in our social media initiatives.

I also co-organize Prompt, an initiative to get people talking about Mental Health in technology, started by Engine Yard in 2013.

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### Engineer, Engine Yard Inc. | October 2011 - April 2012

As an engineer for Engine Yard, I have been responsible for creating and maintaining public and internal APIs, orchestrating Amazon AWS infrastructure and managing PHP-based systems. Additionally, I have been involved in maintaining the Orchestra PHP Cloud application management web console and creating new features for the platform, such as SSL and support for PHP 5.4.

In addition to my engineering duties, I have been involved in writing documentation, blog posts and have represented Engine Yard by speaking at conferences all over the globe.

### Developer, TouchTunes Music Corporation | July 2011 - October 2011

As a consultant, I implemented an application tying two separate REST web services together to enable staff to create multi-media advertising to display on touchscreen jukeboxes within their establishments using Zend Framework with an advanced jquery and HTML5/CSS3 frontend.

### Lead Developer, Digital Architecture | April 2005 - September 2011

During my time at Digital Architecture, I was responsible for a major re-write of the entire Acalog™ ACMS™ Academic Catalog Management System. From it's humble PHP 3-based roots, it has now become a fully fledged object oriented "Web 2.0" web application. Utilizing PHP 5, JavaScript (including complex AJAX-based UIs) and web services, Acalog™ has become the de-facto way of managing online academic catalogs.

Due to the contractual nature of the academic catalog, we face many data integrity challenges; needing to ensure accurate "creation-to-user" processes; which feature revision and rich text change tracking abilities.

From advising the CTO on the direction of the product to working with systems administration staff on implementation of environment. I am primarily responsible for creating both usable intuitive user interfaces and designing the back-end architecture and database structures to power them with an emphasis on ease of use for further new development, maintenance and exposing as web services.

### Developer, EPM Communications, Inc | July 2009 - June 2011

As a consultant for EPM Communications, Inc I am responsible for the maintenance of the existing eCommerce infrastructure as well as adding new features such as a Wordpress-based blog with custom theme and plugins, and a Press Releases interface with backend admin. This site uses both PostgreSQL and MySQL RDBMs.

### Developer, PlumWillow | May 2010 - July 2010

As a consultant for PlumWillow I was responsible for integrations between PlumWillow and Facebook. This included using Facebook Connect for authentication, as well as full interactions with the Facebook XML-RPC and Graph APIs. In addition I created realtime Facebook IM integration via Jabber/XMPP. All data was stored using MongoDB.

### Developer, Alcoholics Anonymous Milwaukee | April 2009 - May 2010

As a consultant for Treeline Designs, I was solely responsible for the integration and development of several custom SugarCRM modules for Alcoholics Anonymous Milwaukee, including a modules for integration with Intuit QuickBooks Web Connect. In addition I was responsible for installing and customizing SugarCRM 5.1, 5.2 and 5.5.

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### Developer, Zend Framework | January 2006 - September 2006

As a consultant for Zend, working on the Zend Framework, I was responsible for a number of components contributed to the initial public offering, including Zend_Http_Client, Zend_Uri, Zend_Json and the initial Zend_Service modules for Amazon, Flickr and Yahoo! web services. Following the initial release, I was the designer and co-creator of the generic Zend Web Service client/server modules for REST, JSON, SOAP and XML-RPC.

### Conference co-organizer, php|architect | February 2005 - October 2005

As co-organizer of the php|tek and web|works conference in Toronto, Canada as well as the php|symphony online talks, I was responsible for recruiting and organizing speakers from around the world. In addition I was responsible for online press relations.

### Founder, Synaptic Media | November 2003 - March 2005

As the founder of Synaptic Media I was responsible for all aspects of the business, from securing contracts to ensuring project completion as well as recruiting and managing contractors in many different technical disciplines. On top of the business aspects of this job, I was intricately involved in all design and development of all projects.

### Lead Developer, Miss England | September 2003 - March 2005

As the lead developer for the Miss England beauty competition, I was charged with creating concept designs, typically alongside a print-designer to ensure continuity between the website and competition program. As well as creating entry forms and galleries for the competition entrants for the website which received over 2 million unique views per day.

## Books & Articles

### Upgrading to PHP 7 | Author, October 2015

Upgrading to PHP 7 is a comprehensive guide on changes to PHP in PHP 7, published by O'Reilly Media, Inc.

This 70 page book covers everything you need to know to migrate your legacy code to PHP 7, and to get started using all the new features.

### Zend PHP Certification Study Guide | Author, January 2015

The Zend PHP Certification Study Guide (3rd Edition), edited and produced by the publishers of php[architect], provides the most comprehensive and thorough preparation tool for developers who wish to take the exam. This book provides complete coverage of every topic that is part of the exam, including:

- Strings and Patterns (including regular expressions)
- Web Programming
- Object-oriented Programming
- Object-oriented Design
- Database Programming
- XML and Web Services
- Security
- Streams and Network Programming

### PHP Master: Write Cutting Edge Code | Author, November 2011

PHP Master is an introduction to advanced PHP techniques for professional development.

The book includes coverage of:

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- APIs with REST, SOAP and XML-RPC
- Databases
- Design Patterns
- Performance
- Object Oriented Programming
- QA and Testing
- PEAR and PECL

## PHP Anthology: 101 Essential Tips, Tricks & Hacks | Author, October 2007

The PHP Anthology is a collection of powerful PHP 5 solutions to the most common programming problems.

Featuring best-practice code and a commonsense approach to development, this book includes coverage of:

- Manage errors gracefully.
- Build functional forms, tables, and SEO-friendly URLs.
- Reduce load time with client- and server-side caching.
- Produce and utilize web services with XML.
- Secure your site using access control systems.
- Easily work with files, emails, and images.
- And much more

The PHP Anthology has sold over 10,000 copies worldwide.

## php[architect] Magazine

- Background Tasks Made Easy: Gearman (Volume X, Issue 06, June 2011)
- Easy APIs with FRAPI (Volume X, Issue 05, May 2011)
- MySQL Fulltext Searching (Volume X, Issue 03, March 2011)
- Error Handling in PHP 5 (Volume III, Issue 08, August 2004)

## International PHP Magazine

Automatic Web Services with PHP 5 (Cover Feature, Issue 01.05, December 2004)
- Sticking the Fork In (Main Cover Feature, Issue 01.04, December 2003)
- Secure Forms using Crypt_HMAC (Cover Feature, Issue 05, August 2003)
- Portability and Backwards Compatibility (Cover Feature, Issue 05, August 2003)
- Review of "Professional PHP Web Services" (Issue 05, August 2003)
- Generating Word Documents (Cover Feature, Issue 03, May 2003)

## Media

### TechTarget/Ajaxian, Sponsored by Microsoft

- Screencast: PHP on Windows 7/IIS 7 (12/02/2009)

### PHP Abstract PodCast, Zend DevZone

- An Advanced Look at APIs (02/21/2008)
- Web Services (11/01/2007)
- Davey's API Rant (09/06/2007)
- AJAX + PHP, End to End Debugging (08/17/2007)
- Planning Programming Projects (06/14/2007)

## Education

- Zend PHP 5 Certified — September 2006
- Zend PHP 4 Certified — September 2005
- Leicester College, UK — BTEC in Computing, 2003