

# Chris Cornutt

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<http://blog.phpdeveloper.org>

I am a web professional who has spent over 10 years working in the industry in a wide range of industries - public utility, information security space and API management and development. I am currently working as web developer for the Global Cyber Security group within Hewlett-Packard leveraging both my development and security backgrounds. I'm looking for something challenging, either through enhancing my leadership or technological skillsets.

I'm a passionate developer and am very involved in the local PHP development community. I've spoken at a number of conferences world-wide, presented at local user groups and have run a popular community resource (PHPDeveloper.org) for the last 11 years. More recently, I've been an advocate for developing secure applications and have created and contributed to open source projects to help encourage this in the PHP community (including API interfaces to several two-factor services/tools).

I love writing and have put it to good use in a new site focused on secure web application security, Websec.io. I also have published two books in a "Securing PHP" series of ebooks, one covering common security concepts and the other some of the "usual suspects" in application vulnerabilities.

## Previous work experience

### Hewlett-Packard

July 2014 – Current

Web Developer (Global Cyber Security)  
Dallas, TX

Responsibilities include creating a fronted application to assist the threat management team in their data correlation needs, collecting requirements for the project and develop a backend application framework (reusable) to power the application. Other responsibilities include defining web-related standards including UX/UI consistency and creating an application workflow tailored to the application needs.

Technologies used in this role include PHP, MySQL, Vertica, Javascript, Handlebars and the development of a custom, in-house MVC PHP framework.

### Mashery

July 2013 – July 2014

Software Development Manager  
Dallas, TX (main office in San Francisco, CA)

Responsibilities include both guidance of my development team but also active development on the backend APIs and fronted interfaces (mostly Javascript). Technologies in use include PHP, MVC frameworks, Handlebars, Marionette, MySQL and Memcache. The main product is a set of customer-facing APIs and interfaces to manage the users and configuration of their APIs.

This position is remote with the main development group being located in San Francisco at the main office. I am the local manager for a group of 3 other developers and one QA engineer. This role is about 85% development work and the remainder on management duties.

### iSIGHT Partners

March 2012 – July 2013

Lead, Software Development (iCRMS project)  
Dallas, TX

Responsibilities include defining system/application architecture and development of backend and frontend functionality for a customer portal (also an appliance version). Technologies in use include the FuelPHP framework, jQuery, ExtJS, Composer, MySQL and MongoDB databases and REST-based APIs.

An emphasis has been placed on secure coding practices in this development team and in coordination with the DevOps group.

Lead responsibilities include sprint planning, iteration coordination, day-to-day team management, running related scrum meetings and managing interactions with other world-wide development teams. This position is a distributed workplace with myself and my team working remotely.

### **SoftLayer**

August 2010 – March 2012

Lead, Software Development

Dallas, TX

Responsibilities include development of backend functionality for updates to current products and modifications to internal and external portals for customer/employee use. Technologies include MVC frameworks (specifically Zend Framework), Javascript development (jQuery, Ext JS), Oracle database development and interaction with various types of hardware - both physical and virtual.

Lead responsibilities include sprint planning, iteration coordination, day-to-day team management and running related scrum meetings.

### **JWT**

April 2010 – July 2010

Software Developer

Las Colinas, TX

Responsibilities include development as a part of a team on applications related to JWT clients (including the U.S. Marines and FEMA). Work is largely done in the Symfony (PHP) framework with a MySQL database backend. Other technologies involved such as web service interfaces, API development and system-level tools such as bash scripting.

### **Atmos Energy**

December 2002 – April 2010

Senior Application Developer

Dallas, TX

Responsibilities included PHP application development for both internal and external websites as well as maintenance of development server (as an admin) including deployment processes and team lead. Technologies used include PHP, Linux, Apache, Oracle, LDAP, SOAP

- Follow through on full lifecycle of projects (gathering request, technical evaluations, etc)
- Work with internal groups to develop custom intranet-based web applications
- Retooling of the deployment process to switch from CVS/rsync push to a Subversion/unit tested/build process
- Worked with a cross-technology team to create two applications to manage adherence to Sarbanes-Oxley privacy requirements
- System administration of internal development server (RedHat) and configuration/optimization of public-facing company web server
- Updates to customer account maintenance to allow for credit card payments (via a SOAP interface to BillMatrix)
- Creation and deployment of a real-time payment SOAP backend (for external vendor use)
- Integration of real-time NYMEX information for futures traders
- Responsible for upgrade of internal and external web servers to keep abreast of latest technology updates (software versions)

- Collaboration with internal groups to create a content management system for proposal announcements
- Advisory & lead role to several other developers on development matters, best practices, testing
- Perform general maintenance on current applications (wide breadth of knowledge) including running performance testing, code refactoring and integration of new extensions/ functionality

### **Catalog.com**

September 2001 – November 2002

Web Developer

Dallas, TX

Responsibilities included PHP application development for the company's customer-facing website (domain registrar). Technologies used included PHP, Solaris, Apache, MySQL.

- Development on customer-facing website such as updates to registration and backend billing processes
- "Contract" work to a group looking to build an auction management tool (eBay related)
- Worked closely with developers at remote location (Dallas & Oklahoma City) to coordinate efforts

### **Morning Light Media**

1998-2000

Web Developer

Abilene, TX

Responsibilities included PHP application development, work with video production, website frontend development

### **Skillset includes:**

- PHP (including custom compiles with multiple external dependencies)
- Best practices for web application development (including design patterns)
- Best practices for secure development practices and lifecycle
- Focus on web application security (including front-end issues like XSS and CSRF)
- Technical writing and blogging
- API integrations (REST and SOAP)
- experience with Oracle, MySQL, PostgreSQL databases
- Experience with multiple PHP MVC frameworks including CodeIgniter, CakePHP, Symfony, Solar and the Zend Framework
- LDAP integration
- XML parsing and generation (including namespacing)
- JSON parsing and generation
- Apache (installation including custom compiling and performance tuning)
- Linux/unix use and server administration
- Version control systems (CVS, Subversion)
- Experience installing technologies related to software development: PHPUnit, Phing, Subversion (including configuration)
- Unit and functional testing
- Very quick learner on both technical and architectural issues
- Familiar with Windows platform (as pertains to the development process)

### **Education**

**Abilene Christian University**

Bachelor of Arts – 2001

Graphic Design/Advertising

PHP 4 Zend Certification  
PHP 5 Zend Certification  
Certified Scrum Master

## Writing

Co-author for Wrox Publishing "PHP String Handbook"

Technical Reviewer for:

- "PHP Programming Solutions" (McGraw Hill)
- "The Complete Reference – PHP" (McGraw Hill)
- Yet to be named MySQL book (McGraw Hill)

Magazine Articles:

- "Finding Your Way: an Introduction to Geocoding (php|architect)"
- "Implementing Your Own Trackbacks" (php|architect)
- "IDE Review: Ankord's PHP Expert Editor " (PHP Magazine)
- "IDE Review: Maguma Studio v1.3.2" (PHP Magazine)
- "Intro to the MVC Framework" (PHP Magazine)

## Speaking History

I've spoken at web and PHP related events all around the world including:

- php|tek (Chicago, IL)
- Dallas Tech Fest (Dallas, TX)
- CodeWorks (Dallas, TX)
- True North PHP (Toronto, Canada)
- Zend/PHP Conference (San Jose, CA)
- Dutch PHP Conference (Amsterdam, Netherlands)
- ConFoo (Montreal, Canada)

A full list of talks can be found on my blog: [http://blog.phpdeveloper.org/?page\\_id=209](http://blog.phpdeveloper.org/?page_id=209)

## Community Projects

### PHPDeveloper.org

2000 – Current

Webmaster

Daily PHP news resource providing the PHP community with the latest events, tutorials and stories from all around the web. I am the sole maintainer, posting new news content every weekday. The website is heavily involved with the PHP community and regularly takes submissions.

<http://phpdeveloper.org>

### Websec.io

2012 – Current

Editor and Primary Author

Websec.io focuses on providing developers with information about common security issues and methods for mitigation. The articles (primarily written by myself) cover a wide range of security-related topics including OWASP Top 10, core security concepts and secure development techniques.

<http://websec.io>

### Lone Star PHP Conference

2011, 2012, 2013

Co-Organizer

Lone Star PHP is a yearly PHP-centric event bringing together speakers from all around the world to speak on diverse topics and enjoy being among fellow developers. The conference is in its third year (with the next edition coming in June 2013).

<http://lonestarpHP.com>

**Joind.in**

2008 – Current

Developer/Content Manager

A website focusing on gathering attendee feedback about an event, replacing the customary paper forms usually handed out. Several non-PHP events are also listed. The site has already been successfully used by several large PHP conferences.

<http://joind.in>

**Other Resources:**

Github account: <http://github.com/enygma>

Personal blog: <http://blog.phpdeveloper.org>