

## Objective

Apply my extensive knowledge of PHP, JavaScript and complementing technologies and practices to help individuals and companies optimize their PHP and JavaScript stacks and workflows.

## Key Strengths

Detail oriented achiever with demonstrated technical, analytical, managerial and business skills. Fast learner with proven decision making and leadership ability. More than 10 years experience working on a large variety of projects fulfilling various technical and leadership roles.

Strong personal interest in designing and implementing integrated and interactive systems according to the latest standards and development practices. Active open source community contributor and owner of several open source projects.

## Key Skills

In-depth understanding and ability to comprehend advantages, rationale, theory, architecture and implementation of complex applications and systems, comprehensive application frameworks, content management systems and business portals/dashboards.

Strong software design skills focusing on reusable and modular system architectures for rapid development environments utilizing open and closed software projects with a focus on the PHP and JavaScript programming languages and associated technologies.

Comprehensive knowledge of: PHP, JavaScript, AJAX, Firefox Extensions, CommonJS, HTML, JSON, XML, CSS, Java, SQL, CGI, DNS, SMTP, MIME, RPC, httpd, nginx, MySQL, Memcache, Redis, MongoDB, AWS, Google AppEngine, CentOS, FreeBSD, Linux, Eclipse, Git, SVN, Photoshop.

Open source, developer tools, tools development, developer efficiency, application & system architecture, program composition, component distribution, technical workflow automation, continuous build integration, collaborative & distributed development, mass & cloud deployment, web services, system & gateway integration, rapid application development, high-traffic server clusters, load balancing, information architecture, system monitoring, code and system review, navigation and user-interface design, website management and maintenance, legacy applications, developer team management, software project management.

Fluent in English as well as spoken German and sufficient in written German.

## Key Experience

Co-founded and managed a software development company specializing in the design and development of custom PHP-based applications utilizing an in-house developed application framework. Primary roles were Director of Technology, Head Developer, Sales Consultant, Key Account Manager, and System Architect and Primary Developer for the application framework.

Over a period of 5 years worked with up to 10 staff members and hundreds of clients and projects in every capacity including some very profitable, high-traffic online service companies. Management, sales and development focus was on maximizing return on investment, improving business decision making, customer service and technical development processes through business automation, consulting, public website and internal administration portal technology enhancements.

Extensive research and development in the area of toolchain design, specifically, approaches to build maintainable systems and reliable development and deployment workflows with the use of open source software.

## Employment / Work History

### **2006-present      Research and Development      Calgary/West Kelowna, Canada**

Conducted research and development in the area of toolchain design, automation and debugging/development approaches. Driven by personal interest and long-term goal of developing a suite of tools to aid PHP and JavaScript developers with open source software development. Key achievements in this capacity:

- Development of FirePHP: <http://www.firephp.org/>
- Zend Framework Contributor: Zend\_Log\_Writer\_Firebug, Zend\_Db\_Profiler\_Firebug
- Author of php|architect article on FirePHP – November 2008 Issue
- O'Reilly Technical Book Reviews:
  - Developing Large Web Applications - ISBN: 978-0-596-80302-5
  - Learning PHP, MySQL, and JavaScript - ISBN: 978-0-596-15713-5
- Member of Firebug Working Group
- Member of CommonJS Standardization Community
- Avid open source developer: <http://github.com/cadorn/>
- Development of DeveloperCompanion: <http://www.developercompanion.com/>

### **2006-present      Independent Consultant/Developer      Calgary/West Kelowna, Canada**

Worked as an independent consultant on a number of projects for several companies. Scope of work and responsibilities covered:

- Takeover, re-structuring and organizing of late project with tight deadline to launch
- Code review and analysis to evaluate existing investment and risks/opportunities
- Concept and methodology coach to other developers
- Implementation of development environment and standards
- LAMP stack review and optimization
- Bridge communication gap between developers and management
- High-level software project supervision to control scope, budget and timelines
- Mediate and review relationship between business owners and development company

### **2000-2005      Enertia Software Inc.      Calgary, Canada**

Co-founder and Director of Technology for a small custom application development company focusing on building dynamic internet applications and consulting on related business and technology areas to provide a diverse and comprehensive service offering.

- Filled many key roles over the years on every level of the company
- Was involved in a major acquisition and several restructures of the company
- Worked with up to 10 staff members
- Worked with hundreds of clients and projects in every capacity
- Designed, developed and expanded a PHP-based application framework used by all employees for most in-house projects
- Consulted, managed and worked on all key client accounts

**1997-1999                      Smart People's Software                      Perth, Australia**

Programmer and software designer for a small software company specializing in on-line content management and web presentation systems.

- Successfully designed and partially developed distributed Java-based content management system
- Helped expand company from 2 to 16 clients
- Developed numerous Java applets, API's and utilities

**Education / Certification**

**2009                              Zend Certification**

Zend Certified Engineer for PHP 5.

**1998-2008                      University of Queensland                      Brisbane, Australia**

Bachelor of Business (Management).

- Concentration in Human Resources and electives in Psychology
- GPA rating of 6 out of 7
- Member of the Golden Key International Honour Society
- Member of AIESEC
- Study abroad at the University of Calgary, Canada during 1999-2000
- Started university at age 16

**1994-1997                      Lake Joondalup Baptist College                      Perth, Australia**

High School Diploma.

- Graduated in top 1 percentile of all 1997 Australian graduates
- Skipped Grade 10
- Sound (24 channel) and lighting (8 channel) control for annual large-scale school productions
- Learned English in 1993

**Interests**

- My wife Tabatha
- Making a real difference in what I do
- Integrating work and home life
- Life-long learning
- The spiritual universe and subtle energy
- Organic and sustainable foods and products
- Public speaking
- Kite surfing and kayaking
- Flexible, predictable and reliable toolchains
- Development and debugging approaches

**Links**

- Website: <http://www.christophdorn.com/>
- Linked-In: <http://ca.linkedin.com/in/christophdorn>
- Twitter: <http://twitter.com/cadorn>
- Github: <http://github.com/cadorn>