

David Valentiate

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Objective

To develop web applications that connect people on the growing ocean of data. And to do this surrounded by an engaging team of professionals.

Technical Skills

PHP 5, Zend Framework, MVC, Apache, nginx, IIS, MySQL, SQLite, PostgreSQL, Javascript, jQuery, CSS, XHTML, HTML, Amazon Cloud Computing (EC2, EBS, S3), Rackspace Cloud Servers, Linux, Windows, IIS

Experience

Self Employed

January 2007 - Present

CoursePark.com, Learning Management Network *contract, Bluedrop Performance Learning (20+ months)*

PHP 5, Zend Framework, MVC Design, PostgreSQL, RESTful Design, JS, jQuery, Amazon Cloud Computing, Linux, SVN, git

- Implemented Zend Framework's MVC design pattern in a complex application.
- Created resource oriented REST design for community forum with search and categories.
- Integration and extensive customization of a 3rd party, locally hosted web service.
- Setup and managed Amazon EC2 servers and created EBS backup management scripts.
- Worked tightly with a client to create a customized industry social network.

Resource Oriented Web Application Proof of Concept *personal project (200+ hours)*

PHP 5.3, Zend Framework, SQLite, REST, JS, jQuery, git

- Working to enable rapid development of data rich web applications using Zend Framework in a resource oriented design. <http://github.com/dvalentiate/REST-Example-App-for-Zend-Framework>

Confoo Conference *Montreal, March 2010 (3 days)*

- Focused on sessions devoted to building scalable web applications.

ZendCon 2009 Conference *San Jose, October 2009 (3 days)*

- Focused on building REST based web applications and best practices with the Zend Framework.

Redesigned Website Database for Super Channel *contract with iStudio (0.75 month)*

MySQL, PHP

- Implemented a drop in replacement for a defective 3rd party database design.
- Worked within the MVC Zend Framework.

eLearning Product Porting *developed for LRDG (6 months)*

XML, XSLT, CSS, Javascript, jQuery, XHTML

- Conversion of an existing multi-lingual language learning product from Authorware to XML.
- Used XSLT to render HTML that was cross browser compatible, separated content, structure, context and presentation mechanisms, was multi-lingual, and had Javascript and Flash interaction.

Client Registration System *contract with LRDG (2 months)*

PHP, CSS, Javascript, HTML, MySQL

- Created learner registration site for client organizations: http://www.lrdgonline.com/rcmp_grc/
- Cross browser, email notification, multiple client organization customization, database storage and posting of user data to internal learner tracking system.

Created an Installation System with Hash Based Key Protection *contract with LRDG (2 months)*

NSIS, Javascript

- Condensed the multiple modules of the client's product into a selectable module install for simplified distribution by DVD or web. Featured user name and key authentication.

Taught English in Korea

December 2005 - December 2006

- Taught 6 to 16 year old children near Seoul with the Reading Town school franchise.
- Built a friend's recruiting company website: (CSS, HTML) <http://pegasusrecruits.com>

MMIST Inc., Programmer

May 2005 - November 2005

ASP, Access, MSSQL, MySQL, CSS, HTML

- MMIST makes Unmanned Aerial Vehicles for aerial delivery. <http://mmist.ca>
- Aided in the development and programming of an online parts ordering system. Managed and produced programming aspects of the project.
- Redesigned and implemented the company's website.

Nortel Networks, Programmer

May 2004 - August 2004

C, Linux

- Continued work for kernel support of code instrumentation allowing event tracing and logging with very low performance impact.
- Programmed in C and worked primarily with the Linux Trace Toolkit.

Nortel Networks, Web Programmer

September 2003 - April 2004

PHP, MySQL, Oracle, MSSQL, Javascript, CSS, HTML

- Developed intranet based tools and services for representing the status of Nortel's network. Projects included a web based, zoomable world map with location and location interconnections representations, a graphing module for visual representation of statistical information, and a search tool for finding network devices and their status.
- Programmed primarily in PHP querying large Oracle, MSSQL and MySQL databases and made use of Javascript for dynamic page interactions.

XIST Inc., Web Programmer

June 2001 - July 2003

PHP, ASP, MySQL, CSS, HTML

- Xist Inc. is an information services consultant company serving Canadian government agencies.
- Created an OO PHP, MySQL web app for measuring web sites against standards compliance criteria. Featured user permissions, integrated administration, backup and reporting tools.
- Programmed a PHP web application featuring report generation and dynamic graphical charts.
- Worked part time while a student at Carleton University for the fall and winter of 2001-2002.

1997 - 2002

Early Experience

TANGMONKEY.com, Webmaster

- Created a user editable site using MySQL, PHP, SSI and Javascript with friends.

Inner Action Inc., Trouble Shooter and Webmaster

- Maintained the company's computer systems and network and developed early website.

Education and Academic Experience

Bachelor of Computer Systems Engineering (B.Eng.) - Carleton University

September 2000 - August 2005

As a graduating Computer Systems Engineering student, I have knowledge in the fields of system design, programming, real time systems, simulation, low level electronics, physics and math.

- 9.3 of 12 GPA, B+
- 16 months of Co-op work experience: Nortel Networks and Xist Inc.

Interests and Extra Curricular Activities

- World issues with a focus on the needs of developing nations.
- Technologies that simplify presentation and manipulation of networked information.
- Ultimate frisbee, hiking, skating, hapkido and wind surfing.

Summary

I am a level headed LAMP developer with 7+ years of experience. I understand web technologies and I am enthusiastic about web services and the future of information technologies. I have a broad range of interests and a particular enthusiasm for science and technology. I enjoy challenging work and an environment that encourages ongoing professional and personal development.