

Resume: **Paul Torben Sorensen**

Paul Torben Sorensen
Web Architect / Programmer / System Administrator

SUMMARY:

- 12+ years of experience as a **Programmer / System Administrator** with a solid understanding of programming concepts, database design, project development, system administration and software installation / configuration.
- Over 12 years of programming experience on Web Technologies using **Java, PHP 4 and PHP 5, SQL, Perl, Cold Fusion, Python, ASP, HTML 3 to HTML 5, AJAX** and related techniques and tools, **JavaScript, CSS** and **XML / XSLT** on **Unix, Linux & Windows** operating systems.
- Well versed in the complete Software Development Life Cycle (**SDLC**) process which includes with wide-ranging expertise in **Analysis, Design, Development** and **Implementation** of applications. Experienced in **Waterfall** and **Agile** development methods.
- 10+ years experience in Database analysis and design, **SQL development**, database normalization and database installation / administration in **MySQL, Oracle** and **MS SQL Server**.
- Strong knowledge in Object Oriented Programming (**OOP**) concepts and use in associated languages like **Java, C++, C#, PHP** and **Perl**.
- Exposure to complex information systems in various industries like Financial Services, Telecommunications, Educational, Business Services and Web-based Portals.
- Impressive documentation skills with the ability to meet project deadlines and able to work in cross functional office environments.
- Self Starter and Team Player with excellent communication, organizational and interpersonal skills. Ability to work under pressure and meet deadlines.
- Held positions with management responsibility, including training, for 5 employees engaged in computer application development, engineering support, and related activities.
- Acts as a team leader interfacing between the client and the technical team. Lead a team of 5 developers in creating an online portal for use in schools.
- Strong team builder and excellent analytical skills with the ability to learn and implement new technologies quickly.
- Comprehensive expertise in **WAMP** and **LAMP** platforms and development.
- Widespread knowledge of **Unix / Linux** environments.

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TECHNICAL SKILLS:

Server Operating Systems	Microsoft Windows NT/Server, Linux and Unix
Desktop Operating Systems	Windows, Linux, Unix and Mac OSX
Web Server	Apache 1.x and Apache 2.x, Microsoft IIS, Tomcat
Programming Languages	Java, PHP 4 and PHP 5, Perl 4 to Perl 6, C#.NET, VB.NET, C, C++, JavaScript, Unix/Linux Shell Scripting, Cold Fusion, Python , with knowledge in many other languages as well.
Databases	MySQL4/5, Microsoft SQL Server, Oracle, MS Excel
Web Technologies	CGI, ASP.NET, HTML, JavaScript, XML, CSS, AJAX and related Web 2.0 technologies
Content Management	Django, Drupal, Joomla, Mason, and Zope / Plone
Frameworks / Libraries	PHP: Zend Framework, CakePHP - Java: Spring - Python: Zope / Plone – JavaScript: Prototype, script.aculo.us, jQuery
Version Control Tools	Subversion (SVN), Microsoft Visual SourceSafe (VSS), Rational ClearCase, CVS
Template Engines	Smarty Templates, Zend, Django

EDUCATION:

Associates Degree in Computer Systems Technology
Camosun College, Victoria, British Columbia, Canada
September 1995 – December 1997

I successfully completed the Co-Op Computer Technology Specialist Program at Camosun College. This involved 3 years study in programming (primarily using C++ and Java), and systems design. This program included 9 months of co-op work terms, split in three 3 month periods. I worked two work terms at the Ministry of Forests in Victoria at the TASB division as a webmaster responsible for maintaining and upgrading the Ministry's web-based documentation. My final work term was spent working at BC Tel Interactive for 3 months, which then became a full-time position.

Sun Solaris System Administration, Levels I + II
Vancouver, British Columbia, Canada
August 1999

Successfully completed these two courses certified by Sun Microsystems Inc.

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PROFESSIONAL EXPERIENCE:

PHP Developer
Alikelist Inc., Sunnyvale, CA

Feb 2010 – Current

Alikelist Inc. is a start-up, developing a social networking website that aggregates other social networks, to produce local business recommendations for its members. Using Facebook, Twitter and others, this site provides a way for members to see what businesses and services others in their social networks have 'liked', in an easy to understand and use fashion. Businesses can also access their listings, communicate with potential customers, and offer "deals" to them. As well, "deals" are aggregated from other services, like ValPak and Restaurants.com.

Responsibilities:

- Lead the development of the AlikeList Mobile site, for iPhone and other mobile devices
- Developed the Facebook and Twitter authentication and data import systems for the AlikeList site
- Developed various portions of the customer-facing website using PHP 5, the CodeIgniter Framework, AJAX, JavaScript, jQuery, HTML and DHTML, CSS, using Subversion (SVN).
- Continued to upgrade the application from procedural coding to using the Model View Controller (MVC) pattern.
- MySQL Database design with normalized table structure.

Environment

PHP 5, CodeIgniter Framework, JavaScript, AJAX, jQuery, HTML, CSS, VI, Eclipse
MySQL 5, Subversion (SVN), Apache, Linux

PHP Developer
ClearWire Inc., Seattle, WA

Oct 2009 – Jan 2010

ClearWire Inc. is a 3G and 4G Internet Service provider in the US. ClearWire offers a robust suite of advanced high-speed Internet services to consumers and businesses. As part of a multi-year network build-out plan, ClearWire's 4G service, called CLEAR™, will be available in major metropolitan areas across the U.S., and bring together an unprecedented combination of speed and mobility. ClearWire's open all-IP network, combined with significant spectrum holdings, provides unmatched network capacity to deliver next-generation broadband access.

Responsibilities:

- Developed various portions of the customer-facing website using PHP 5, the Zend Framework, AJAX, JavaScript, jQuery, HTML and DHTML, CSS, using Subversion (SVN).
- Developed the application using the Model View Controller (MVC) pattern.
- Database design with normalized table structure.

Environment

PHP 5, Zend Framework, JavaScript, AJAX, jQuery, HTML, CSS, VI, Eclipse
MySQL 5, Subversion (SVN), Apache, Linux

Website Architect / PHP Developer
PrivateJVclub.com, Vancouver, British Columbia, Canada

Sept 2008 – Aug 2009

Stephanie Hartman Enterprises has developed an extensive program devoted to Joint Venture development between related businesses. This portal was designed to facilitate member communication, business development and to foster mentoring in Joint Ventures.

Responsibilities:

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- Developed the website using PHP 5, the Zend Framework, AJAX, JavaScript, jQuery, HTML / DHTML and CSS.
- Developed the entire website application, using Model View Controller (MVC) and Object Oriented Programming (OOP) in PHP, with Smarty Templates.
- Complete database design and development with normalized table structure.
- Developed backend site for website enhancement and user maintenance.
- Server setup and deployment, application installation and configuration, site maintenance.
- Developed extensive site documentation for the client.

Environment:

PHP 5, Zend Framework, JavaScript, AJAX, jQuery, HTML, CSS, Smarty Templates, Eclipse
MySQL 5, Apache, Linux

Website Architect / PHP Developer

Feb 2008 – June 2008

Timbre Restaurant, Vancouver, British Columbia, Canada

Timbre Restaurant needed a customer-facing website developed to provide restaurant menus, pictures, music events and special features. This site now has top-rated search results (SEO) for Google and other search engines, resulting in increased business and revenue for the restaurant.

Responsibilities:

- Developed the entire website using PHP 5, JavaScript, HTML / DHTML and CSS.
- Developed the entire site's graphics, including photos and layout.
- Complete database design and development.
- Developed backend site, to assist with site management and upkeep.
- Server setup and deployment, application installation and configuration, site maintenance.
- Developed extensive site documentation for the client.

Environment:

PHP 5, JavaScript, HTML, CSS, Photoshop, Eclipse
MySQL 5, Apache, Linux

Website Project Manager / PHP Developer

Aug 2006 – Dec 2007

Creative Spirit Communications, Vancouver, British Columbia, Canada

Creative Spirit Communications develops websites for various businesses in the Vancouver area. I was contracted to work with several of their clients, to help with project analysis, project management, database design and programming.

Responsibilities:

- Analyzed client requirements, developed websites project and development plans, met with principles and clients to understand requirements and maintain the project status.
- Developed several website applications, using PHP, HTML, CSS and JavaScript
- Complete database design and development with normalized table structure.
- Server setup and deployment, application installation and configuration.

Environment

PHP 5, JavaScript, HTML, CSS, Eclipse
MySQL 5, Apache, Linux, Microsoft IIS

Perl Developer

Jan 2006 – July 2006

Pro List Hosting, Minneapolis, MN

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Pro List Hosting Inc. runs a safe email advertisement delivery system to subscribed customers.

Responsibilities:

- Redesigned system as the previous development left the client with a trouble-prone system.
- Moved application from simple Perl to mod_Perl using Object Oriented Programming principles.
- Performed site maintenance and enhancements, including adding a new payment processor to the system.
- Reworked the database schema, optimized using database normalization.
- Server setup and deployment, application installation and configuration.

Environment

Perl, Microsoft IIS, Dreamweaver, Eclipse
MySQL 5, Apache, Linux

Java Developer / System Administrator
Captus Technologies, Vancouver, British Columbia, Canada

June 2005 – Aug 2005

Captus Technologies Inc. is a global IT service provider headquartered in Vancouver, BC, Canada, that caters to a broad array of proprietary software development needs.

Responsibilities:

- Traveled to Switzerland to learn about the system and technologies used by the application and associated server components.
- Performed a Java Client/Server poker gaming application configuration and installation for a testing environment.
- Developed extensive site, system and procedure documentation for the client.
- Installed system monitoring software (Zabbix and Cactus), and configured warning levels and output graphs.
- Server setup and deployment, application installation and configuration.

Environment

Java, Tomcat, Zabbix System Monitoring, Cactus System Monitoring
MySQL 5, Apache, FreeBSD

Java / C++ Developer
Red Hawk Gaming Inc., Vancouver, British Columbia, Canada

May 2004 – March 2005

Red Hawk Games creates Electronic Gaming Machines for the Casino market. As a C++ and Java developer working as part of a team, we created a proxy application to allow this company's games to communicate via XML/SOAP with other Vendor's servers. This project allowed Red Hawk to place Gaming machines into several new markets that had previously been dominated by their competitors. Also, I went on several business trips to new casino locations to assist in installing these game machines and servers.

Responsibilities:

- Traveled to several casino locations in the US to install the company's hardware / software.
- Developed applications in C++ and Java, using SOAP and XML as the transport mechanism.
- Server setup and deployment, application installation and configuration.

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Environment

C++, Java, C#, SOAP, XML, Web Services, Visual SourceSafe, Socket Programming, Eclipse, Tomcat
MySQL 5, Apache, Linux, Windows 2000 Server

System Analyst

Oct 2003 – Jan 2004

World of Giving International, Vancouver, British Columbia, Canada

World of Giving International is creating software to assist large companies in offering automatic charitable donations for their employees. This software had been designed in Java using an Oracle backend, however the documentation was sparse and the customer needed a full set of documents to continue forward.

Responsibilities:

- Developed created a full set of design specifications based on the current system, including Database Schema diagrams, Process Flow, Use Case analysis and Installation documents.
- Installed system into a test server environment.

Environment

Java, Linux, MySQL, Eclipse,

Website Developer

May 2003 – Aug 2003

Rolling Oaks Enterprises, Los Angeles, CA

Rolling Oaks Enterprises provides financing for small to medium sized companies. They needed a website update, to reflect changes in the company.

Responsibilities:

- Developed website solution using HTML and CSS.

Environment

Php, Linux, MySQL, HTML, Apache, Photoshop

Website Developer

Dec 2002 – March 2003

Bubble Action Pumps, Kingston, Ontario, Canada

Bubble Action Pumps Ltd. makes solar-water-heating equipment. They needed a simple website to advertise their products, and provide customers with more information on their products

Responsibilities:

- Developed website solution using Php, HTML, CSS and MySQL.
- Created entire site graphics.

Environment

Php, Linux, MySQL, HTML, Apache, Photoshop

Website Developer

Sept 2002 – Nov 2002

Merchant Finance Company, Los Angeles, CA

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Merchant Finance Company assists restaurants and other small businesses with loans based on their credit-card volume. This company needed a new website designed that would operate as a front-end to those businesses, providing account information and status, as well as being an advertising vehicle to attract new customers.

Responsibilities:

- Developed website solution using Perl, HTML, CSS and MySQL.
- Created some graphics for site.

Environment

Perl, Linux, MySQL, HTML, Apache, Photoshop

Perl Developer

March 2002 – July 2002

Andre Bieler Inc., Kingston, Ontario, Canada

Andre Bieler Inc. is a small artist-based company that needed an online database of the company's artworks, to assist in inventory and sales.

Responsibilities:

- Developed web-based solution using Perl and MySQL.
- Created graphics for site.
- Documented website update procedures.

Environment

Perl, Linux, MySQL, HTML, CSS, Apache, Photoshop

System Analyst

Oct 2001 – Jan 2002

Up and Running Studios, Vancouver, British Columbia, Canada

Up and Running Studios is a small website company that needed additional website tools to help their customers make better use of their internet domains.

Responsibilities:

- Installed several free Linux applications, such as a Gallery, a website statistics tool, a blogging application, and forum software.
- Upgraded servers from Redhat Linux to a more secure Gentoo Linux distribution, while maintaining all their customers' websites and applications.

Environment

- Perl, AWstats, Wordpress, Gallery, phpBB forum
- Linux (Redhat and Gentoo), MySQL, Apache

Website Developer

June 2001 – Sept 2001

Media Funding Corporation, Malibu, CA, USA

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Media Funding Corporation provides financing for Infomercials in the United States. This company needed a new website developed that reflected this company's long experience in the Infomercial Industry, as well as enabling new avenues for communication with prospective and current customers.

Responsibilities:

- Site design and development using HTML.
- Graphic design using Photoshop.
- Site documentation and project planning.
- Perl scripts to handle form submission and backend visitor analysis.

Environment

Perl, HTML, JavaScript, Dreamweaver HTML Editor, Photoshop
Windows NT Server, Microsoft IIS

Java / Perl Developer

Nov 2000 – April 2001

Morgan Stanley Dean Witter Online, San Francisco, CA, USA

I was contracted for six months to assist with the redesign of the **Morgan Stanley Dean Witter Online** financial web site from a Perl-centric design to a Java-centric design, as well as maintaining the existing Perl site. I coordinated efforts between my manager and several junior employees, and lead a team in rewriting the email notification system in Java, as well as several smaller projects relating to the day-to-day operations of this financial website.

Responsibilities:

- Maintained and enhanced current Perl website applications.
- Developed replacement Java versions of the OOP Perl financial website applications.
- Team lead, assisted junior employees in understanding the development methodologies and technologies used at Morgan Stanley Dean Witter.

Environment

- Java, OOP Perl, Rational ClearCase, Rational ClearQuest, Tomcat
- Solaris, Apache, Sybase

Systems Analyst / Lead Programmer

July 1999 – Oct 2000

Ingenuity Works, Burnaby, British Columbia, Canada

Ingenuity Works is creating a K-12 school web portal, with an expected user count above 600,000. I managed a team of 5 programmers, developed timelines, objectives, specifications, configured the Linux hardware and OS, set-up the Apache web server, designed the initial framework, assisted with the Oracle database set-up and configuration, programmed the first beta scripts, helped with the database design and maintenance, configured DNS, and installed systems to monitor the servers.

Responsibilities:

- Team lead, lead developer
- Programmer
- System Analyst
- System Administrator
- DNS install + configuration
- Firewall install + maintenance

Environment

- Perl, mod_Perl, Mason Content Management System, Bind DNS, Mason Content Management System, Big Sister System Monitor, BugZilla Defect Tracker

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- Apache, Linux, Oracle

Systems Analyst
BC Tel Interactive, Burnaby, British Columbia, Canada

Dec 1997 – June 1999

BC Tel Interactive provided Internet Services to customers across British Columbia, including individual and large companies. It also hosted websites, and provided advanced communications services to various governmental and corporate clients.

Responsibilities:

- Created new form-based Perl and Cold Fusion programs, to meet the business needs of the company.
- Assisted in documenting and organizing procedures and policies as pertained to programming.
- Was one member of a team of six that was responsible for the 24/7 operations of 50+ servers running the Solaris, Linux, and Windows NT operating systems for over 200,000 ISP customers in BC.
- Involved in TCP / IP (Internet) problem-solving and troubleshooting.
- Headed the Y2K server analysis and upgrades project.

Environment

- Perl, mod_Perl, Fast-CGI, Cold Fusion, Unix Shell programming, SMTP / POP3, DHCP, Big Brother system monitoring, Big Sister system monitoring, Emacs, VI
- Windows NT Server, Solaris, Linux, AS/400, Netscape Web Server, Microsoft IIS

Assistant Webmaster
Ministry of Forests, TAS Branch, Victoria, British Columbia, Canada

Dec 1996 – June 1997

In this Co-op work term I served as the assistant webmaster for the branch responsible for distributing Ministry codes and practices. At the time the ministry was working to put all their handbooks and guides onto the Internet.

Responsibilities:

- Created the HTML document standards and procedures, and documented same.
- Converting manuals into standardized HTML formats.
- Made updates to the Branch website
- Researched internet technologies and developed small applications to assist in the day to day business processes.

Environment

- Homesite HTML Editor, Dreamweaver HTML Editor, HTML, MS Word Macro development
- Windows NT Server, Microsoft IIS