

Jason Lee

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Software Developer

Web Development, Application Development, Database Development, Website Administration

Software development is an excellent exercise in problem solving, and I find development a natural device to satiate my appetite for a solid challenge. I believe a greater depth of knowledge allows for the most effective solutions, and am always keen to learn from first principles. I have a strong desire to provide well thought out solutions that reflect consideration to a greater extent than the bare requirements.

Professional Experience

CMENT Inc. [cment.net] – Senior Developer

2011-2014

Full-stack web application development, integration, and maintenance for companies such as Royal Bank of Canada and Bank of Montreal.

- Architected a light-weight web framework for easier and more efficient development
- Created profiler and optimized code to reduce memory footprint and page load time by up to 50%
- Created a web system supporting thousands of users for the management and usage of brand assets for Royal Bank of Canada
- Augmented and reengineered existing system to meet the needs and requirements of companies such as Bank of Montreal
- Developed APIs for easy and efficient integration of outside codebases
- Developed customized reporting system to aggregate and display marketing data in concise, easy-to-read web reports and graphs

PHP
ASP
Javascript
AJAX
HTML/XHTML
CSS
MySQL
MSSQL
PostgreSQL
Apache
IIS

Oxbury Group Inc. [oxburygroup.com] – Web Developer II

2009-2011

Web development, design, and management including customization and extension of existing CMS.

- Developed plug-ins/add-ons into an existing framework to provide extended end-user functionality
- Administration, development, deployment, and management of many web sites and databases
- Effectively and efficiently migrated web sites and databases between hosting environments
- Evaluated prospective technologies and communicated summaries to select those best suiting the needs of the organization

PHP
MySQL
Wordpress
HTML
CSS
Javascript
AJAX

Digital Chaos [digitalchaos.ca] – Web Developer

2008 - 2010

Customized web solutions over a broad range of requirements for businesses.

- Developed multiple web based product catalog systems with management functionality
- Developed system for dynamically generated images to display real-time data
- Modified existing systems and data processors to meet client requirements
- Created reusable codebase to minimize development time and redundancies

PHP
MySQL
HTML
CSS
Javascript

Fastrak ISP Inc. – Software Developer

2007 – 2008

Architecture and development of client-server based software with capabilities for teleconferencing, collaborative editing, and information serving.

Java SE
JMF
RTMP
TCP/UDP
Audio/Video

- Parallelized processing algorithms to reduce initialization times three-fold and optimize resource usage
- Developed bi-directional audio/video teleconferencing on multiple displays
- Evaluated, selected, and tested technologies to enabled implementation under various hardware profiles and environments
- Developed real-time streamed drawing interface
- Integrated existing frameworks into the software to reduce development costs

Supplemental Experience

Programming and Development of...

- Efficient algorithms for generation of isosurfaces from extrapolated field data with capabilities to be rendered in real-time interactive 3D C/C++, OpenGL
- Modification of running processes via code injection and ASM based API/function detouring C, Win32, ASM
- Network application which records per protocol statistics on all local network traffic including Ethernet II, ARP, IP, ICMP, TCP, UDP, BOOTP, DNS, HTTP C, pcap
- Real-time 3D visualization of local network traffic C, OpenGL, pcap

Education

Humber College - Toronto, ON

2005 - 2007

Advanced Diploma - **Computer Programming Analyst** with Honours
Java Specialization

Skill Sets

	<u>Proficient</u>	<u>Capable</u>
Programming Languages & Markup	PHP, C, Javascript (AJAX), Java, HTML/XHTML, XML, CSS, MySQL, PostgreSQL, SQL Server/MSSQL	C++, C#, ASP.NET Perl, Python, LUA, XSLT
Environments	Windows (desktop and server flavours), Linux (Debian and RHEL based)	Unix, Mac OSX
Miscellaneous	Apache Web Server IIS (Internet Information Services)	

Interests

- Speed-solving Rubik's cube and other puzzles – sub 20 second 3x3x3 times
- Photography – wedding, portrait, street, candid, landscape, still, HDR
- Wet Shaving – the relaxing use of, and restoration of vintage gear
- Rock Climbing – Just like when I was a kid, except easier to hurt myself now
- Tennis – Still working on my forehand

References available upon request