

Joe Johnston

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<http://taskboy.com/>

An Open Source veteran with over a decade of experience rapidly prototyping new technologies with existing open source tools to produce cost-effective, Enterprise-ready solutions.

Skills

Languages

C
Java
JavaScript/Ajax/jQuery
Perl
PHP
Python
SQL
Unix Shell

Technologies

CGI/mod_perl/Servlets
Java Swing
Joomla/Wordpress
Pygame/Django
Salesforce Apex
SOAP/REST/RSS
XML/XSLT

Applications

Apache/Tomcat
Citrix/XenApp
eDirectory/MS Active Directory
MySQL/MS SQL/Oracle/SQLite
SVN/Git/CVS/RCS
VMWare ESX

Education

- University of Massachusetts Boston: BA in Computer Science

Employment History

Software Consultant Taskboy.com June 2011 – Present

- Helium.com: Maintained legacy perl and ruby Community Apps
- Nestor.Taskboy.com: Designed and built PHP social media analytics tool

Principal Consultant Oracle Corporation March 2011 – May 2011

- Provided internal technical training on new releases
- Adjusted custom XML web service for load-balanced environment
- Gap analysis reporting for hardware disaster recovery

Senior Consulting Engineer ATG Corporation Aug. 2010 – Feb. 2011

- Managed client projects, requirements and deployment
- Used Django to integrate ATG Click2Chat with IntelliResponse API
- Configured Click2Chat accounts to use ATG Salesforce Integration
- Helped operationalize new product features for implementation team

Software Consultant Taskboy.com Apr. 2009 – July 2010

- Leostream Corporation: Supported and advised product-team on development projects.
- Grazr Corporation: Feature enhancements for mod_perl-based AlertRank.com
- Jumping Jackrabbit Design: Lead generation systems, single sign-on mechanisms, Wordpress and Joomla integrated solutions, on-site client support

Senior Software Engineer Leostream Corporation Jul. 2006 – Mar. 2009

- Developed Citrix Application support for the core Connection Broker product that closed a strategic sale with a major US financial service company

- Developed Sun Ray support for core Connection Broker product that closed strategic sales with two major US financial service companies and enabled a partnership with Sun Microsystems
- Developed a web-based Voucher accounting system to support partnership with IBM
- Developed Java client application for Linux/Mac OS X platforms that expanded Connection Broker market
- Transitioned corporate web site to PHP-based system
- Mentored newly hired developers in core product development
- Expanded and implemented core product API
- Integrated core product with many third-party APIs (VMWare VI3, Virtuallron, Xen) to support ongoing business development projects

Software Consultant Taskboy.com Oct. 2001 – Jul. 2006

- Leostream Corporation
 - Founding member of the company
 - Co-developed Leostream Host Agent, which proxied control of VMware ESX 2 platform for Controller and P2V Wizard
 - Developed Leostream Host Proxy, a virtual appliance to control ESX 3 for Controller and P2V Wizard
 - Built core IT systems for sales and marketing, including product trial mechanism and integrated CRM support with Sugar
 - Built Leostream Virtual Appliance Installer, a Java-based windows app
 - Ported Virtual Controller (LAMP app) to Windows from Linux to support business development opportunities
 - Provided on-site training and deployment assistance for largest clients
- CS Information Technologies
 - Served as chief architect and technical lead for ground-up rewrite of core Software as a Service application using Apache, mod_perl, Template toolkit and MySQL
 - Determined application sizing requirements for application to ensure High Availability
 - Led code reviews with junior developers
 - Built Web crawling tool to collect data for core product that reduced data royalties
- O'Reilly Media
 - Designed an HTML layout for intranet search engine
 - Wrote technical documentation for internal mod_perl template system comprising more than 100 Perl modules and templates

Senior Software Engineer O'Reilly and Associates Apr. 2000 - Sep. 2001

- Designed and implemented a Digital Asset Management system for book content reducing time spent by production dept. looking for critical resources
- Provided XML-RPC interface in ASP for Safari, O'Reilly's online book initiative
- Facilitated the integration of various databases into a company-wide data warehouse as part of a comprehensive IT restructuring
- Provide technical reviews for over a dozen titles

Teacher Northeastern University Aug. 2000 - Dec.2000

- Designed and taught an introductory course in programming with Perl which targeted Bioinformatics certificate candidates

Senior Software Engineer CS Information Technologies Nov. 1997 - Apr. 2000

- Implemented application features to core Software as a Service product that closed new business

- Maintained five core Software as a Service sites
- Implemented a machine monitoring system
- Designed and implemented an Object Oriented Perl system aggregation data for core product

Lab Consultant

Univ. of Massachusetts Boston

Sep. 1995 - Nov. 1997

- Supported industry standard office applications
- Assisted with workstation maintenance

Publications

- *Programming Web Services with XML-RPC*; O'Reilly Media
- *Unix Power Tools*, 3rd ed; O'Reilly Media
- *The Best of the TPJ: Computer Science & Perl Programming*; O'Reilly Media
- *The Best of the TPJ: Web, Graphics & Perl/Tk*; O'Reilly Media