

Thomas Lockney  
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## *Experience*

10 years experience developing user-interface and back-end architectures. Professional programming with Java, Javascript, Perl, Ruby and ActionScript. Also familiar with C/C++, Python/Jython, PHP, and Lua. Skilled at HTML, JSP/Servlets, CGI, CSS, Ajax, SQL and XML. Framework experience primarily in Struts, Rails and Prototype. Configuration and maintenance experience with Apache, Jboss, Lighttpd, Ant, XDoclet, CVS, Subversion, Jabber, Ferret, MySQL, PostgreSQL, SSH, LDAP, Samba, Cacti, Nagios, and SNMP.

Leadership responsibilities have included leading design and architecture, defining overall project scope, leading project teams, interfacing with clients, mentoring, and providing performance and code reviews.

## *Employment History*

### **Freelance Developer, 2004 – Present**

Various development, architecture and system management/administration projects.

### **Systems Architect, Open Management Consortium 9/2006 – Present**

Leading the architecture and development of the systems and services to support the goals and operations for the Open Management Consortium, an organization dedicated to help advance the promotion, adoption, development and integration of open source systems and network management software. Also actively involved in building the community around the OMC.

Tools used included: Ruby, Ubuntu Linux, Apache, Mephisto, PostgreSQL.

### **Senior Software Engineer, Triactive 10/2004 – Present**

Currently leading the implementation of a new JSP 2.0 and Ajax-based UI using standards-based code and user-centered design. Designed and implemented a distributed job processing system for handling of customer data. Implemented a help desk ticket approval workflow. Prototyped an application for maintenance of reseller client accounts. Established system and performance monitoring. Provided additional operations and infrastructure support. Set up an improved build system. Facilitated roll out of Jboss.

Tools used included: Java, Javascript, Ruby, Perl, Struts, JMS, JBoss, Apache, Oracle, jBPM, Ant, AJAX (Prototype).

### **Senior Software Engineer, Esoterix 05/2001 – 10/2004**

Led the development of an UI used for placing laboratory orders. Led development on a J2EE based system for patient, order & report management. Led development on report definition, lab kit configuration and reference-range definition modules for a clinical trials management system. Advised on implementation of server architectures, integration of better build practices and use of appropriate technologies to ease development. Migrated server environment from Weblogic 8.1 to OracleAS.

Tools used included: Java, Javascript, Perl, Flash/ActionScript, Struts, Weblogic, Oracle, OracleAS, XDoclet, Ant.

## **Software Engineer, HireStorm 09/2000 – 03/2001**

Helped to restructure the technology direction of the company to take better advantage of relevant technologies. Designed and implemented a peer-to-peer application for job and employee candidate searches. Installed and maintained server infrastructure. Designed and developed a web-based software registration system.

Tools used included: Java, Perl, Modperl, MySQL, Apache, Tomcat, InstallAnywhere, Ant.

## **Senior Software Engineer, Triactive 1999 – 2000**

Developed a web-based systems management platform including a user-customizable portal system. Migrated production servers from NT to Solaris. Evaluated application servers (including Tomcat, JRun, WebSphere and Resin). Provided documentation of development processes and application architecture. Introduced improved development practices (automated builds, source control, staging/QA servers). Assisted in setup of server architecture.

Tools used included: Java, Perl, Apache, JRun, Solaris, Ant, Oracle.

## **Application Developer, Cyberplex 1999**

Built MySQL/EmbPerl-based virtual seminar system. Developed integration strategy for a support automation system.

Tools used included: Perl, EmbPerl, MySQL, Java, FreeMarker.

## **Software Engineer, Tivoli Systems 1997 – 1999**

Served as liaison between Marketing and IT. Established document publishing system. Integrated Interwoven TeamSite. Set up secure servers and services. Wrote a variety of utilities to support web development and administration work.

Tools used included: Perl, Apache, Samba, MySQL, Interwoven TeamSite, Java.

## ***Additional Projects***

- Founded DorkbotPDX, the Portland chapter of the international group Dorkbot ([www.dorkbot.org](http://www.dorkbot.org)), which explores the areas where art and technology meeting. Also referred to as "people doing strange things with electricity." Currently working on expanding the activities of this group to include regular workshops and events for the public.
- Advisory Board member for SXSW 2008 Interactive festival. Additionally, developed a small Ruby on Rails based application for them to aggregate event data from various existing (legacy) databases.
- Led the organization of FOSCON 2008, an event put on by the Portland Ruby Brigade (PDX.rb) during the O'Reilly Open Source Convention.
- Have helped with the organizational aspect of running PDX.rb, including management of mailing lists, establishing an open source project as an umbrella for group-based code and maintaining the relationship with various publishers who provide free books for review by group members.
- Technical reviewer for Ajax on Rails and Rails Cookbook, both published by O'Reilly.
- Small contributions to various open source projects, including Rubinius, an alternate VM for Ruby, and acts\_as\_ferret, an indexing plugin for Ruby on Rails applications.