**Objective**

Seeking a challenging J2EE software engineering position using the latest open-source technologies.

**Experience**

[Stanford School Of Medicine](file:///C:\dev\tabulaw\poc\target\war\WEB-INF\classes\Stanford%20School%20Of%20Medicine) <http://med.stanford.edu/irt/> Jan 2010 – present

Menlo Park, CA

*Consultant*

* Aided in the design and currently implementing an access control framework to meet government FERPA guidelines as it applies to student profile information.
* Designed and implemented an asynchronously driven widget framework to deliver targeted content using YUI and JSP.
* JEE platform with an Oracle backend.

[vmware](file:///C:\dev\tabulaw\poc\target\war\WEB-INF\classes\vmware) <http://www.vmware.com/> Oct 2009 – Jan 2010

Palo Alto, CA

*Consultant*

* Authored changes and enhancements for: <http://govirtual.org/>.
* Gained experience with [Jive SBS](http://www.jivesoftware.com/products) enterprise software and [Perforce](http://www.perforce.com/) SCM.

[The Logic Lab](http://tll.googlecode.com) <http://tll.googlecode.com> Jun 2005 – present

San Francisco, CA

*Principal*

The Logic Lab is a registered dba name under which I conduct contract based business.

* Created generic Value List Handler framework that transparently supports 3 different data fetching strategies: primary key list, record set paging and in memory collections.
* Created transactional based service layer using AspectJ and Spring’s transaction API *without* using the Spring application context.
* Created event driven data binding framework mimicking the Swing approach using property change events.
* Created form control rendering and data entry validation framework able to handle single field or conditional aggregate field validation.
* Created MVC framework with view caching, pinnable/poppable/draggable views that is browser history aware.

[Bazaar Advertising](file:///C:\dev\tabulaw\poc\target\war\WEB-INF\classes\Bazaar%20Advertising) <http://www.bazaaradvertising.com> Feb 2006 – Feb 2007

South San Francisco, CA

*UI Architect/Software Engineer*

* Designed web-based administration console automating search engine keyword bidding employing Spring, Velocity, Acegi (security), Quartz (scheduling) and DWR (AJAX) technologies.
* Acquired knowledge of search engine advertising business processes and worked directly with Google’s, Yahoo’s and MSN’s search engine APIs.
* Designed and implemented generic AJAX driven table view module to handle the display and editing of tabular data.
* Designed and implemented generic file upload, exception handling and auto-email sub-systems utilizing Spring.
* Created custom AJAX driven reporting module using both JFreeChart and Eclipse’s BIRT reporting engine.

[Presynct Technologies, Inc.](http://www.presynct.com) [http://www.presynct.com](http://www.presynct.com/) Dec 2004 – Jun 2005

San Francisco, CA

*Senior Development Engineer*

* Maintained and enhanced a J2EE web-based police incident reporting system.
* Designed and implemented HTML-based incident report form rendering framework using Jakarta Velocity, XSLT and DHTML.
* Implemented application module that converts XHTML to PDF dynamically using XSLT and Big Faceless Organization’s Report Generator API.
* Designed a police incident database schema compliant with the National Incident Based Reporting System (NIBRS) specification.
* Implemented HTML form validation using Jakarta-commons validator API, JavaScript and DHTML.
* Implemented word wrapping functionality that distributes HTML Textarea form element content to one or more static text areas preserving HTML formatting.

[Merchant e-Solutions](http://www.merchante-solutions.com) [http://www.merchante-solutions.com](http://www.merchante-solutions.com/) May 2000 – May 2004

Redwood City, CA

*Software Engineer*

Java programming against a web based merchant accounting system.

* Assigned lead position for implementing custom web interface to company’s database for a major financial institution.
* Designed and implemented a web-based Account Change Request module based around existing change request forms allowing for easy modification and addition of form content.
* Designed and implemented automated data acquisition module in Java for importing daily MasterCard MATCH data into the company database.
* Implemented VITAL API to acquire and store credit card terminal data using Java and PGP.

**Education**

University of Michigan Sep 1990 – Apr 1993

*Bachelor of Science – Mechanical Engineering*

Eastern Michigan University Sep 1988 – Sep 1990

* Dean’s list – 2 semesters

**Skills**

|  |  |  |  |
| --- | --- | --- | --- |
| Computer Languages   * Java/C++ * JavaScript * Groovy * JSP * XSLT | Standards   * XML/XHTML * DHTML * EJB3/JPA * JPA * [JDO](http://java.sun.com/jdo/) * CSS2 | Databases   * [MySql](http://www.mysql.com/) * [PostGres](http://www.postgresql.org/) * [Oracle](http://www.oracle.com/index.html) * [MSSQL](http://www.microsoft.com/sqlserver/2008/en/us/default.aspx) | Security   * [PGP](http://en.wikipedia.org/wiki/Pretty_Good_Privacy) * [Java Crypto API](http://java.sun.com/j2se/1.4.2/docs/guide/security/CryptoSpec.html) * [Spring Security](http://static.springsource.org/spring-security/site/) * Access Control List |
| Frameworks/APIs   * [Spring](http://www.springsource.org/) * [DataNucleus](http://www.datanucleus.org/products/accessplatform_1_1/index.html) * [Hibernate](https://www.hibernate.org/) * [Struts](http://struts.apache.org/)/[WebWork](http://www.opensymphony.com/webwork/) * [JFreeChart](http://www.jfree.org/jfreechart/) * [COM/ADO](http://www.microsoft.com/com/default.mspx) | Application Servers   * [Google App Engine for Java](http://code.google.com/appengine/docs/java/gettingstarted/) * [Apache](http://httpd.apache.org/)/[Tomcat](http://tomcat.apache.org/) * [Jetty](http://www.mortbay.org/jetty/) * [IIS](http://www.iis.net/) | IDEs   * [Eclipse](http://www.eclipse.org/) * [IntelliJ](http://www.jetbrains.com/idea/) * [VisualStudio](http://msdn.microsoft.com/en-us/vstudio/default.aspx) * [DreamWeaver](http://www.adobe.com/products/dreamweaver/) | Tools   * [git](http://git-scm.com/) * [Maven](http://maven.apache.org/) * [Ant](http://ant.apache.org/)/[Gant](http://gant.codehaus.org/) * [JUnit](http://www.junit.org/)/[TestNG](http://testng.org/doc/index.html) * [SVN](http://subversion.tigris.org/)/[CVS](http://www.nongnu.org/cvs/)/[Perforce](http://www.perforce.com/) * [MS SourceSafe](http://msdn.microsoft.com/en-us/library/3h0544kx(VS.80).aspx) |
| Ajax   * [GWT](http://code.google.com/webtoolkit/) * [Dojo](http://www.dojotoolkit.org/) * [YUI](http://developer.yahoo.com/yui/) * [DWR](http://directwebremoting.org/dwr/index.html) * [prototype.js](http://www.prototypejs.org/)/[script.aculo.us](http://script.aculo.us/) | | Other   * Process/Ops guidelines authoring * UML * Semi-fluent Spanish | |