

# Michael Panoff

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<b>Summary</b>	<p>Seeking a software engineering position with a first-rate team focusing on cutting edge mobile, web or desktop application development.</p> <p>12 years software development experience, working with a variety of technologies and industries. Experience in user interface development, web-applications and highly scalable back-end system.</p> <p>Software development experience:</p> <ul style="list-style-type: none"><li>• Languages: Java, ActionScript, PERL, Objective-C</li><li>• Java: J2EE / Servlets / JSP / various controller frameworks / JBoss</li><li>• Web Services</li><li>• Adobe Flex / Air / MXML</li><li>• Java Swing</li><li>• iPhone</li></ul> <p>Relational Database experience:</p> <ul style="list-style-type: none"><li>• SQL / JDBC</li><li>• Various Databases: MySQL, Oracle, DB2, MS SQLServer</li><li>• Hibernate</li></ul> <p>Other Experience:</p> <ul style="list-style-type: none"><li>• Dev Tools: Eclipse / NetBeans / CVS / ANT / SourceSafe / SVN / Bugzilla / Xcode</li><li>• Scrum</li></ul>
<b>Education</b>	<p>BS Computer Science - May 1998 Purdue University West Lafayette, Indiana</p> <p>Relevant Course Work: C++, System Architecture, Data Structures, Science and Engineering of the World Wide Web, Compilers, Numerical Methods and Analysis, Operating Systems and Networking, Algorithms, Software Engineering I, Computer Graphics, Databases, Windowing Systems</p>
<b>Contact</b>	<p>Available upon request.</p> <p>Currently based in Los Angeles area. Open to relocation or telecommuting. Fully eligible to work in US.</p>

## Experience

### Senior Engineer

Yahoo!  
Burbank, California  
October 2007 to Present

- User interface engineer for Yahoo Search Marketing Desktop, <http://advertising.yahoo.com/desktop>. YSMD is a desktop application for Yahoo! search advertisers to bulk manage their accounts, campaigns, keywords, excluded words and ads. Responsible for design and implementation of UI components in Adobe ActionScript / Flex.
- Technical lead of high performance, multi-tier, real-time advertisement click processing system. Responsible for all technical aspects of project. This includes system design, software implementation, hardware sizing, production configuration and to a lesser degree, management of tasks and resources. System was implemented using various J2SE / J2EE technologies, MySQL database and JBoss application server. Production environment consisted of 40+ Linux servers, distributed over various data-centers.

### Senior Engineer

Earthlink

Pasadena, California  
June 2006 to September 2007

- Technical lead of Earthlink's next generation portal engineering team. Responsible for database schema design, data model / ORM layer, abstraction layers and controller components. System was developed with the goal of providing a more current, "web 2.0" user experience. This was accomplished with client-side Javascript interacting with server-side Java controller layer, via Prototype.
- Contributed to the design and implementation of Earthlink's web-service based portal content feed systems. Intent of the project was to migrate existing portal content feeds to a centralized and consistent platform, accessible to current and future products. Web-services were provided via JAX-WS API.
- Lead on implementation of email "preview" system for the nextgen portal project. Email preview provides Earthlink customers access to a snippet of their various inboxes. The system supports access to Earthlink Webmail (IMAP), AOL / AIM (IMAP) and Gmail (POP). Also designed and implemented a secure user password storage system.
- Screened and interviewed candidates for Java engineering positions.

### **Architect**

iRise  
El Segundo, California  
June 2000 to June 2006

- Technical lead in migration of legacy automotive industry sales systems to IBM WebSphere Portal environment. Tasked with design of overall system architecture.
- Technical lead on design and implementation of corporate user management and provisioning system. J2EE based application responsible for streamlining the process of managing users across multiple organizations with access to multiple applications. MVC architecture based on STRUTS framework.
- Developed Java Swing components for entertainment industry production accounting system.
- Lead team in implementation of new functionality for integration of accounting and asset management systems. Responsible for requirements gathering and documentation as well as technical design oversight. Oversaw project through production deployment.
- Implemented Java Swing component to interface Payroll system with remote check printing system.
- Refactored remote check printing system for entertainment industry payroll company. This involved reworking of existing functionality to assure extremely high system availability. Additionally redesigned web interface, added functionality to support larger number of printers and added better logging and reporting capabilities. Developed entirely as J2EE application using STRUTS framework.
- Tasked with assisting in migrating online banking application from a 1st generation CGI framework to a J2EE STRUTS framework. Project tasks involved design and implementation of XML translation layer using XML Schema for data validation, screen migration to STRUTS framework, and design/implementation/maintenance of ANT build scripts.
- Assisted in designing and implementing corporate LDAP solution for entertainment industry client. Tasked with implementing J2EE based directory administration application using STRUTS. Deployed to IBM's WebSphere App Server. Also assisted in configuration of iPlanet Meta Directory.
- Assisted in implementation of securities trading system. J2EE application built on Weblogic Application Server framework, additionally used Jakarta STRUTS and WebGain TopLink.
- Implemented LDAP synchronization/integration/administration solution for pharmaceutical company. Extensive use of iPlanet Directory Server 4.1 and iPlanet Delegated Administrator. Created various PERL scripts to assist in directory maintenance.
- Assisted in developing XML/XSL architecture to support real-time content delivery to various devices. Developed XSL transformation layer to facilitate data conversion. J2EE application built on Weblogic Application Server.

### **Developer**

www.paymybills.com  
Pasadena, California  
October 1999 to June 2000

- Ported subset of PERL/MySQL based Paymybills web application to a NAS 2.1 (KIVA)/Oracle based system.
- Designed/implemented/maintained Database Interface Layer (DIL) in both Java and PERL. Created Java-XML code generator to automate creation of DIL classes and methods.
- Evaluated various Java technologies (JServ, iPlanet 6.0, WebMacro, IBMXML4J)

- Lead team in creation of a Business Application Server, abstracted Paymybills business rules/logic into multi-tier client / server architecture. XML data interchange was extensively used.
- Responsible for encryption and data-interchange (XML) projects. Implemented various encryption algorithms and procedures.

### **Web Applications Engineer**

Earthlink

Pasadena, California

September 1998 to September 1999

- Developed Java web applications to support customizable content on Earthlink's member portal, the Personal Start Page (PSP). Tasks require an in-depth understanding of Object Oriented concepts, SQL, Java, and NAS 2.1.
- Developed a variety of data-mining tools (JDBC) to assist in information gathering from the PSP's user base.
- Developed various PERL / Java / XML parsers to assist in the PSP's data and content harvesting.

### **Software Engineer**

Xerox

El Segundo, California

June 1998 to September 1998

- Developed printer certification software tools for PrintXchange (printer/job management software). Tasks required a strong PERL background.