

## Peng (Aaron) Ling

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### OBJECTIVE

A challenging software engineering position in an enterprise software company or consumer focused service site/portal company.

### SKILLS

- 8-year experience in Java; 3-years in C/C++/Visual C++/Borland C++; 1-year experience in Pascal, ML, Haskell, Perl, etc.
- Full-cycle software design for enterprise software using Agile software development methodology, featuring multithreading, html-based UI and database application.
- Strong experience in internet programming including Java applet, servlet, XML, Win32 socket programming, familiar with network protocols including RTSP, HTTP, TCP/IP.
- Knowledge and programming experience in JUnit, Cactus, JSP, EJB, Struts, Ajax, Hibernate.
- Other applications used: Oracle DB, IBM DB2, MS SQLServer, Tibco Channel, Weblogic, Apache Tomcat.

### EXPERIENCE

#### Ariba, Inc.

Sunnyvale, California

Sr. Software Engineer and Dev Lead

06/2001 - 11/2006

- Led the Ariba Contract Compliance (ACC) team to bring ACC product on-demand/software as a service, which involved collaborating with PM to define the scope of features, creating engineering tasks, tracking the development schedule, architecting the design and implementation, mentoring other engineers.
- Participated in Ariba's Cheetah release to bring Ariba's Invoice solution on-demand, which is the first Software as a Service (SaaS) version of Ariba Buyer (Ariba's flagship product). Worked in high visibility team full of architects and talented seniors, which was responsible for the transition of Ariba from a software company to a service company.
- In Cheetah release, participated in functional feature design and implementation of the new Invoice on-demand solution as well as redesigning the architectural changes of the whole stack from persistence layer (including object meta-data support and Database SQL wrapper), install config layer, workflow engine, messaging tasks to cXML integration work between different enterprise softwares.
- Designed and developed features and functionalities for ACC product, implemented app object model changes, which use Ariba homegrown Hibernate-like framework based on XML and Java core, to define business objects and workflows, and UI changes which use AribaWeb framework and Java Servlet.
- Implemented ERP specific features such as accounting, business unit, cost center, Company code, etc, in Ariba Buyer product development, also participated in other ERP integration work. The ERPs involved are Oracle Finance, SAP and Peoplesoft.

- Rotated as dev representative in Sustaining Engineering Team representing Ariba Buyer, Ariba Contracts, Ariba Invoice, Ariba Travel & Expense, responsible for delivering service pack fixes for in-production releases. Collaborated with Tech Support Engineer to handle and solve customer cases.
- Worked in an Ariba's core team, Buyer group, doing user-interface for html web-based e-Procurement software Ariba Buyer 7.1, 8.0, 8.1, 8.2, responsible for designing and implementing UI component based on AribaWeb framework and AJAX widgets.
- Worked in Buyer UI-Infrastructure team, which develops homegrown Struts-like framework AribaWeb engine, built on top of Java servlet and leveraging XML for complete support of MVC paradigm in an object oriented manner. Added features to it and maintained the code base.

### **New Lido Data Technology**

Shanghai, China

Software Engineer

08/1999 - 08/2000

- Worked in China's premiere Internet startup, invested by Softbank Corp and Reuters Group, to provide real-time quotes, analysis tool and latest financial news coverage.
- Used Java technology, e.g. applet, servlet, EJB, JDBC/ODBC, to design and develop Lido finance website (similar to Yahoo Finance)
- In charge of the applet and servlet development team to design front-end user application in web pages; participated in back-end real-time stock quote server development using Visual C++ to access Oracle.  
[http://www.lidoo.com/label/hq/html/index\\_hq.htm](http://www.lidoo.com/label/hq/html/index_hq.htm)
- Used Borland C++/OWL and Visual C++/MFC to program Lido's best selling software "Lido Securities Analysis System", a stand-alone multi-tier structured program for securities firms, professional brokers and traders to do technical analysis. Program featured on "Stock News" at Shanghai Cable TV Station.
- Used Visual C++ to construct an RTSP-based server and client for better transfer of real-time stock quotes, an on-going project for use in future versions of "Reuters-Lido Securities Analysis System".

### **EDUCATION**

Yale University, Connecticut

- M.S. of Computer Science

Nanjing University, China

- B.S. of Computer Science
- Minor in International Finance