

## PROFILE

*Technology Strategist* with experience in financial and software services applied in both large global organization and small entrepreneurial companies. A successful track record of identifying, analyzing, communicating, and deploying technology. Known for ability to identify opportunities for improvement and taking the initiative to create practical solutions.

## PROFESSIONAL EXPERIENCE

### **FORMFORTE, LLC.**, Chicago, Illinois **2008 – present**

Environment: Adobe Livecycle, JavaScript, SVG, HTML, Java/J2EE, C, PHP, XSL, awk, MySQL, ant, cvs, UML, JBoss, Apache, Redhat Linux, Gentoo Linux, Windows XP

Start-up delivering workflow and electronic document services.

#### *General Manager*

- Co-founder and chief salesman responsible for engaging prospective clients.
- Implemented development, testing, and production environments.
- Implemented client requirements in forms, databases, web services, and reports.

### **ABN AMRO SERVICES COMPANY, INC.**, Chicago, Illinois **2002 – 2007**

Environment: JavaScript, HTML, Java/J2EE, C, C++, XSL, awk, Oracle, Sybase, MySQL, PostgreSQL, DB2, sh, ant, cvs, Clearcase, UML, ODBC, JDBC, DSML, LDAP, IDL, JMX, XMLSchema, SOAP, XPath, IDL, RMI, JBoss, WebSphere, WebLogic, Apache, Tomcat, Redhat Linux, AIX, Solaris, Windows XP, Windows 2000

Wholly-owned subsidiary of LaSalle Bank Corporation delivering back office banking and technology services.

#### *Architect for Commercial and Compliance Systems, 2004 – 2007*

- Member of Strategy and Architecture Group responsible for forming decisions on technology investments.
- Co-Chaired Common Customer Reference System group, a project designed to increase profits by \$35MM over five years. Created a business brief justifying the \$4MM investment.
- Developed strategic technology roadmaps for Commercial Banking Division, including an evaluation and prioritization process for investment decisions. Delivered five sections of the Commercial technology roadmap: Business Reporting, Market Clustering and Segmentation, Customer Relationship Management, Data Warehousing, and Requirements Handling.
- Selected to serve on committee guiding North American implementation of global \$1B outsourcing contract. Authored process and accompanying templates to communicate business needs to outsourcing partners and to describe deliverables for creating software systems.-
- Created the authorization and authentication reference architecture to streamline applications and processes.
- Reviewed, enhanced, and provided further avenues for improvement of a proprietary interest rate modeling and portfolio management application, resulting in savings of \$250K per annum.

#### *Architect for Application Integration and Middleware, 2003 – 2004*

- Reported to the Director of Enterprise Architecture with responsibilities for integration and CRM.
- Authored an enterprise application integration strategy identifying necessary steps, rationale, and timeline that would save licensing, maintenance, and support costs. Strategy was subsequently adopted and implemented.
- Worked with senior business executives on Customer Relationship Management and Multi-Channel Integration plans for Retail line of business. Interviewed senior executives, directed outside consultancy and authored final reports.

#### *Senior Software Systems Engineer, 2002 – 2003*

- Reported to the Director of the Advanced Technology Group.
- Refactored WOLF code, a project the bank was working to spin-off as a separate company.
- Authored report for CIO on open-source and software investment models. Report informed and educated CIO on benefits of open source software to bank.
- Led and managed bank's first successful offshore development effort with team of four professionals located in India.

### **I-FULFILLMENT**, Chicago, Illinois **2000 – 2001**

Environment: HTML, Java/J2EE, XSL, awk, Oracle, ant, VSS, JDBC, RMI, Apache, JRun, Solaris, Windows NT  
Dot-com Company that offered fulfillment and warehousing services to internet-channel companies.

### ***Software Development Manager***

- Reported to Director of Software Development. Responsible for managing warehouse systems team of five professionals.
- Redesigned entire warehouse fulfillment system which resulted in:
  - Reduction of order backlog from 5000 to 0
  - Reduction in order fulfillment time from four days to one day
  - Reduction in man hours from 12 hour day to 8 hour day
  - Reduction in staff from 20 hourly packers to 4
  - Resulted in saving of performance fees and overnight shipping fees
- Rescued investors' stage C funding by completing the operational data transfer project on time and within budget.
- Earned a commendation from the CTO for significantly enhancing web-site speed and capacity.

**VNP SOFTWARE, INC.**, Chicago, Illinois

**1998 – 2000**

Environment: Java, C, Objective-C, Sybase, rcs, JDBC, VoiceXML, PDO, RMI, OpenStep, BSD 4.3, Apache, JRun  
Boutique software consultancy that provided top software expertise to improve clients' internal development teams.

### ***Software Engineer***

- Consulted for the investment bank of UBS Warburg Dillon Read, actively proposed solutions to client problems, and enhanced further business opportunities according to the needs of three client managers.
- Made significant contributions to UBS Warburg Dillon Read's Geronimo trading platform.
- Provided C++ expertise to UBS Warburg Dillon Read's quantitative modelers.
- Consulted on VoiceXML-based technology for an Internet-telephony start-up venture.

**BOWTIE SOFTWARE**, Ann Arbor, Michigan

**1997 – 1998**

Environment: Java, cvs, JDBC, C, CORBA, Solaris, Windows NT  
Sole proprietorship founded to deliver contract software services.

### ***Owner, Consultant***

- Created a paperless invoice retrieval system for a package distribution company.

**CHRYSLER FINANCIAL CORPORATION**, Southfield, Michigan

**1996 – 1997**

Environment: C, Objective-C, Sybase, DB2, MKS, rcs, ODBC, JDBC, IDL, Visual Basic, RMI, OpenStep, BSD 4.3, Windows NT  
Wholly-owned subsidiary providing consumer and dealer financing for vehicle purchases.

### ***Software Programmer***

- Wrote ODBC driver for mainframe integration.

**UNIVERSITY OF MICHIGAN, DEPARTMENT OF CHEMISTRY**, Ann Arbor, Michigan

**1989 – 1996**

Environment: C, Objective-C, Fortran, Pascal, Modula-2, Waltz Lisp, SmallTalk, PDO, RMI, OpenStep, BSD 4.3, Solaris

### ***Regents'-Baer Fellow***

- Awarded fellowship with responsibilities split between teaching and research.
- Managed design projects for experimental hardware devices to support a research program.
- Led 100 students per semester through basic Chemistry and Physics.
- Performed statistical analysis of experimental data and spectrum diagram simulation.
- Achieved candidacy in the department's doctoral program.

## **EDUCATION**

**UNIVERSITY OF CHICAGO, BOOTH SCHOOL OF BUSINESS**, Chicago, Illinois

***Master of Business Administration, 2007***

Strategic Management and Finance

**SOUTHERN UTAH UNIVERSITY**, Cedar City, Utah

***Bachelor of Arts, 1989***

Chemistry and Mathematical Sciences

## **ASSOCIATIONS**

**ILLINOIS TECHNOLOGY ASSOCIATION**, Chicago, Illinois

**MIT ENTERPRISE FORUM CHICAGO**, Chicago, Illinois

*Information Systems Chairman, 2008*

*Membership Committee, 2007*

**PLAZA TOASTMASTERS CLUB**, Chicago, Illinois

*Treasurer, 2005 – 2007*

## **TECHNICAL SKILLSET**

- Java (JavaBeans, JDBC, JNI, JSP, J2EE, Reflection, servlets, Swing, Java3D, JMX)
- C++, C, Objective-C, SmallTalk, IDL
- JavaScript, XSL, SVG, HTML
- Pascal, PostScript, Waltz Lisp, LDAP, Forth, Visual Basic, Modula 2
- Oracle & PL/SQL, Sybase & Transact-SQL, DB2, MySQL, PostgreSQL, MS SQL Server
- UML, VoiceXML, XML, XMLSchema, XPath, SOAP, DSML
- distributed architectures (PDO, CORBA, RMI-EJB)
- scripting languages (Perl, sh, awk, Ant, etcetera)
- Linux (RedHat, SUSE, Gentoo), BSD 4.3, Solaris, AIX, MS Windows (XP, 2000, Vista), Mac OS X, OpenStep
- JBoss, Apache, JRun, WebSphere, WebLogic, Tomcat
- version control (cvs, Clearcase, rcs, subversion, MKS, VSS)