David A. Rice

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Objective:

A proven leader with over 10 years of Java design and implementation experience and **over 7 years of team leadership** experience looking to obtain a **technical leadership** role in a **creative**, **challenging**, and **exciting** environment.

Employment:

Consilience Software, Inc. January 2006 – Present (Technical Architect/Developer Manager)
Core Product Development Team
- Led design and implementation of key components for a J2EE based (Struts/Hibernate) online case management system, including improved security model, dynamic data collection, JasperReports integration and appointment management which included a jQuery based calendar and email (iCal) integration to notify users of new, modified and cancelled appointments
- Developed enhancements to provide performance increases for batching operations
- Helped lead core product development team while assisting in responsibility of developing the product feature road map for future releases
- Drove efforts for UI redesign based on Twitter Bootstrap
- Mentored new employees in both development best practices and software codebase
- Implemented issue triage workflow to improve issue resolution efficiency
- Assisted regularly in proposals and development of proof of concepts for sales demonstrations
- Led and coordinated hiring efforts for all technical staff in the company
- Worked directly with CTO to redesign company structure/organization of technical staff to improve employee visibility
- Managed a development team and coordinated their development tasks
- Presented new functionality in an upcoming release at Annual User Conference
- 1st developer hired in the company

Washington Occupational Health Management System Development Team Technical Lead
- Led technical deployment of OHMS system
- Led development of technical specifications for all project deliverables
- Developed several interfaces that communicated with existing systems via JMS queues and web services
- Provided on site technical training and technical guidance for administrators

Texas Birth Defects Development Team Technical Lead
- Led technical deployment of a Birth Defects Registry for the Texas Department of Human Health Services
- Led development of technical specifications for all project deliverables
- Provided technical guidance to customer regarding custom configurations
- Implemented custom record assignment functionality
- Implemented multiple custom imports
- Led development team that developed custom reports
- Led development team that wrote migration of legacy data

New South Wales Electronic Disease Surveillance System (EDSS) Development Team
- Designed HL7 compliant Electronic Lab Reporting interface to accept incoming labs results from external sources
- Designed a de-identification scheme for persons given a customizable set of rules
- Designed various custom reports and legacy data imports
- Provided on site technical training for administrators

New York City EDSS Development Team
- Developed various custom reports
- Supervised new hires on the project and reviewed custom code written by junior developers to assure optimal performance

North Carolina EDSS Development Team
- Developed HL7 compliant Electronic Lab Reporting interface to accept incoming labs results received from external sources
- Developed database conversions for several Center of Disease Control databases

North Dakota ESAR-VHP Development Team Technical Lead
- Led technical deployment of an ESAR-VHP software solution for ND Department of Health
- Developed custom reports and an integration component to integrate with ND Health Alert Network
- Provided on site technical training for administrators

North Dakota EDSS/South Dakota EDSS Development Team Technical Lead
- Led technical deployment of EDSS software solution for both the ND Department of Health and the SD Department of Health
- Led development of technical specifications for all deliverables
- Provided technical guidance to both customers to help answer any questions they had regarding configurations
- Developed custom reports
- Developed an integration component to integrate with both states' Health Alert Networks which provide the ability for users to configure rules which dictate when they should be notified via email/phone regarding particular events
- Led development team that developed components for integrating with the Center for Disease Control
- Led development team that wrote migration of legacy data
- Provided on site technical training for administrators to be able to maintain and configure the application

GTECH Corporation February 2005 – January 2006 (Developer)
ES Interactive
- Designed and implemented key components of a J2EE based online lottery system
- Led design and implementation of the system maintenance framework that included configurable and pluggable components allowing business use cases to be scheduled, batched, and initiated remotely
- Proactively helped drive the redesign and standardization of a continuous build process
- Only consultant on a medium sized team offered permanent employment

H-E-Butt Grocery Company May 2003 – February 2005 (Developer)
Pharmacy Systems Development
- Member of an enterprise-wide deployment team
- Wrote and managed requirement documents for pharmacy workflow
- Maintained and enhanced a Struts and JasperReports based reporting system
- Designed and implemented the framework for submitting insurance claims
- Designed and implemented highly configurable load tests, written to run in LoadRunner, which simulated the client via CORBA calls to the server
- Designed and implemented a trickle feed for the pharmacy system using Vitria BusinessWare to populate an ODS, providing real time access to sales data

Point of Sale Development
- Designed a low cost checkout lane using a diskless computer booting Linux. This utilized a collection of various technologies that allowed the terminal to determine the most efficient method for booting, and to provide the ability to boot the terminal using a multicast protocol that the boot servers, running on a legacy OS, did not support
- Developed C based programs to provide both intercommunication between Linux terminals and remote control of the Linux terminals

H-E-Butt Grocery Company (Internships) Summer of 2001 & 2002
Knowledge Management
- Designed an ASP-based system to monitor metadata transformation and flow between key systems
- Designed an ASP-based knowledge repository for the storage and retrieval of intra-office documents

Sony Semiconductor of America (Internship) Summer of 2000
Information Systems
- Developed two web-based applications for tracking defects and system issues using ASPs
- Designed ASP and ActiveX based applications to analyze in house software usage and database growth for their silicon wafer manufacturing system

Education:

The University of Texas at Austin, Bachelor of Science in Computer Science, May 2003
- Graduated Magna Cum Laude with Special Honors
- Member of Upsilon Pi Epsilon – Computer Science Honor Society

Training:

- Scrum Alliance Certified ScrumMaster, August 2012

Frameworks & Technologies:

J2EE Enterprise Java Beans (EJBs)	Java Servlets	Struts
Java Server Pages (JSP)	Hibernate	WebServices
JMS	Junit	JavaScript/jQuery/JSON
HTML/CSS	XML	XSLT
SQL	JasperReports	Active Server Pages (ASP)
Vitria BusinessWare		

Programming Languages:

Java J2SE & J2EE	C, C++
PHP	Unix/Linux Shell Scripting (Bash, KSH 93)

Tools & Software:

Application Servers: JBoss, Tomcat, IBM WebSphere, Oracle Weblogic, Sun One
Software: Eclipse, Ant, IntelliJ, Apache, CVS, Subversion, Jira, Confluence, MKS, Perforce, Mercury LoadRunner
Databases: Oracle, MS SQL Server 2005/2008, MySQL, HSQLDB, DB2,

Operating Systems:

GNU Linux (Ubuntu/Debian/Red Hat), Mac OS X, Solaris, SCO UnixWare, UNIX System V
Microsoft Windows 2000/XP/7 and MS-DOS

Research:

Honors Thesis with Dr. Calvin Lin
-UT Austin Computer Science Department
-The Optimization of the Unicon Compiler

References available upon request