

Senior Software Consultant with over 20 years of experience

Robert W. Herrmann

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Application Technology: Grails, J2EE, Servlets, JSP, XML, Swing, Ant, Struts
Application Servers: J2EE, Tomcat, Oracle 9iAS
Languages: Java, C++/C, JavaScript, Ruby, HTML, Perl
Operating System: Linux/Solaris/Unix, Win7/XP
Databases: MySQL, Oracle, SQL Server
Training: 2GX 2007 3 day Grails and Groovy Conference
Talks: Griffon, Gradle (both to Boston Grails User Group in 2010)

EXPERIENCE

Data Vision Group, NJ Senior Consulting Engineer AUG 2010 – Present
- Created web application using Wicket/Hibernate/Spring/JQuery/Java to provide an efficient means for managing hundreds of IT requests per day.
- The application marries LDAP, command line tools, and a relational database to choreograph a work-flow involving 40 participants involved in the management of a hospital's 40 thousand users.

QUICKHIT, MA Senior Java/Grails Engineer JUN 2010 – SEP 2010
- Refactored a database of 300 columns by turning it on side. Resulted in a 50% reduction in storage reduction. Utilized Java/Hibernate/Spring/Grails.

InnoCentive, Waltham, MA Grails Consultant JUN 2008 – MAY 2010
- Help development of site for matching problem solvers and problem seekers.
- Guided transition from old Java Framework to Grails
- Helped define best practices for development using Grails
- Rapidly delivered production system for viewing and searching “challenges”
- Developed system for letting users tag “challenges”

Robert Herrmann Associates, Tewksbury, MA Android Development DEC 2008 – Present
- Created “Car Cast Podcast Player” an in car podcast player for Android
- Application has over 4000 active users
- Entered into Android Development Contest II
- Application forwards stats, downloads, and errors to central site for analysis

ITA Software, Cambridge, MA Senior Consulting Engineer JUL 2006 – JUN 2009
Participated in design and development of an airline reservations system.
- Specialized Load Balancer for handling HTTP Requests and Pulling from Oracle Queues
- Wrote test reporting application using Grails
- Developed Promotion Code processing
- Developed solution for sending rich HTML receipts to customers

P&H Solutions, Waltham, MA Senior Consulting Engineer MAY 2004 – JUN 2006
Migrated mature banking web application from the Microsoft platform (C++/COM/MTS/ASP/ADO/VB) to the J2EE (Java/JDBC/JSP/JUnit) platform.
- Provide just in time architecture and design
- Team resource for Java/J2EE and IDE expertise
- Utilize agile methods; refactoring, unit tests, continuous integration

Sun Microsystems, Marlboro, MA Senior Consulting Engineer JAN 2003 – MAY 2004
Part of a team that developed an application for monitoring storage systems. The application was implemented using Java, XML, Javascript, tag libraries, Oracle, eclipse, Ant, Tomcat, Linux, Solaris
- Designed and developed application features; Searching, Filtering, and Custom Reporting

- Ensure application automatically switched to Chinese, Japanese or French based on client's language

Cell Exchange, Cambridge, MA Consulting Architect, Senior Developer DEC 2002
- Rapidly architected and developed an aircraft status web application

Sun Microsystems, Burlington, MA Consulting Engineer MAY 2002 - NOV 2002
Contributor to the open source Apache Tomcat project. Tomcat is the reference JSP/Servlet implementation. Tomcat is core technology in many J2EE application servers.
- Implemented new Servlet 2.4 functionality for Tomcat 4 and Tomcat 5
- Track/fix/eliminated problems with SSL, session handling, and logging
- Participated in Tomcat development community (discussions, votes, bug fixes)

Network Engines, Canton, MA Senior Consulting Engineer DEC 2001 - MAR 2002
- Contributed to the completion of the SDK, enabling customers to create front panel applications.

Lucent Technologies, Marlboro, MA Senior Consulting Java Engineer APR 2001 – JUL 2001
Improved web based HR system allowing managers to award bonuses
- Implemented new features using J2EE, JSP, Java, JDBC, HTML, JavaScript, Oracle 9i AS/8i DB
- Refactored JSP reports to include new features and improved speed, quality plus maintainability
- Created a place for managers to post questions and answers to communicate with employees

Voice of the Web, Reading, MA Chief Architect/Co-Founder NOV 2000 - MAR 2001
Co-Founded a Startup Company creating software to scan news sites and create spoken audio content from the site's content. Finalist in both the Lycos Labs and Boston.com business plan competitions.
- Rapidly developed and deployed system in 2 months using J2EE, XML, VoiceXML, Java, JSP, Apache's Tomcat, tellme.com, Bell Labs Text-to-speech engine

Lumapath, Inc. Maynard, MA Senior Engineer, Team Leader JAN 2000 - NOV 2000
Venture funded early stage startup that created an innovative search and user interface technology.
- Designed and created a knowledge engineering tool for editors to process daily flow of search terms.
Tool allowed editors to create/edit/test/execute a set of rules for improving search hit quality.
- Lead creation of automated deployment system for server farm (JSP/Java, F5's load balancer, Akamai's cache, offsite hosting, NT, IIS, Netscape/iPlanet, JavaScript, XML, Oracle)

Radnet, Wakefield, MA Senior Consulting Engineer MAY 1999 - DEC 1999
- Developed portions of portal architecture (User, Preferences, Content Database) using Java/COM, IIS, ASP, MTS, Oracle
- Developed modular web UI controls included throughout the portal (JavaScript, Java)
- Critiqued existing architecture and suggested and implemented changes
- Mentored team members with Java/COM, JavaScript, XSLT, ASP, MTS, IIS

General DataComm, Marlboro, MA Senior Consultant MAR 1998 – FEB 1999
Created a router based on an existing General DataComm fiber optics product.
- Devised and created distributed Java based testing tool which performed test plans
- Brought an ATM networking product to production readiness by finding/fixing bugs in C on embedded 68k PSOS system

Sun Microsystems, Chelmsford, MA Senior Engineer, Team Leader MAR 1996 - MAR 1998
- Lead team creating Java printing service for network computers
- Researched and developed next generation email system leveraging Java technology

Bridge Information Systems, NYC, NY Software Engineer APR 1994 - MAR 1996
- Part of team that created a robust electronic order routing and trading system
- Created C++ networking library that handle millions of daily transactions between Windows, Unix and Databases (Oracle, Sybase)

Knight Ridder Financial, NYC, NY Software Engineer JUL 1990 - MAR 1994
- Developed networked stock price and financial news processing engine in C/C++

CAE-Link Flight Simulation, Binghamton, NY Software Developer MAY 1989 - JUN 1990

EDUCATION

Binghamton University, NY, MAY 1989
BS, Electrical Engineering