

BACKGROUND

INDEPENDENT CONSULTING AND WRITING

Author of the best selling books Exploring Java and Learning Java, O'Reilly & Associates. Learning Java is consistently one of the top selling Java books and is available worldwide in nine languages. It is used as the text for many University Java courses. Winner of the 2001 Java Pro Reader's Choice award for Best introductory Java book.

SPEC LEAD / MEMBER OF JAVA COMMUNITY PROCESS EXPERT GROUPS

Member of JCP expert groups JSR-274, JSR-223, and JSR-283 which define new language features and APIs for the Java programming language. Work has included the javax.script API, Java Content Repository API, and BeanShell scripting language standardization.

EXPERIENCE

INDEPENDENT CONSULTING

Pat Niemeyer Consulting, LLC, St. Louis

2008-Present

Ongoing work on numerous projects including: Design of a highly scalable, behavioral targeting ad server platform for Value Commerce, Tokyo, Japan; the largest web advertiser in Asia. Work for Terracotta, a Java VM clustering technology company. Preliminary work to launch a social networking platform product and services company, Ooi.com.

SENIOR ARCHITECT / CONSULTANT

Bank of America Securities, New York

2005-2007

Worked on the architecture and implementation of advanced Java middle tier systems and components. Areas included cross platform messaging, grid computing, and development of analytical applications utilizing Weblogic, Spring, Hibernate, JBoss Rules, Acegi and Securent security products, Gigaspaces, and various proprietary systems.

SENIOR ARCHITECT / CONSULTANT

Federal Reserve Bank of St. Louis

2004-2005

Application architect for the TGANet government accounting system, which is assuming responsibility for U.S. federal cash deposits for all agencies. This is a web based application using Weblogic, Hibernate, Struts, and involved the development of secure XML based inter-bank communication protocols.

SENIOR ARCHITECT / CONSULTANT

Edward Jones, St. Louis

2003-2004

Participated in review and migration of enterprise applications to Weblogic J2EE architecture. Participated in application and architecture design reviews for performance and security issues. Lead team which developed a prototype application for the new platform using JSP and Struts front end with JOLT Tuxedo services for mainframe connectivity. Responded to Java questions and problems from developers and served in a mentoring role.

SENIOR ARCHITECT / CONSULTANT

A.G. Edwards, St. Louis

2001-2003

Designed Enterprise Services and Application Architecture for A.G. Edwards. Participated in detailed review of an enterprise scale, client facing application using JSP, XML, and J2EE technologies including advanced Weblogic Clustering. Worked with BEA engineers and A.G.E senior staff on extensive redesign and simplification. Developed original tools for highly available, wide area distributed J2EE clustering on Weblogic, providing cluster health monitoring and automated cluster failover. Developed XML based tools for resource management. Mentored Java developers and groups on Java technology issues and responded to questions and problems.