Jon Batcheller

940 NW Naito Pkwy #L16, Portland, OR 97209
jonb@javac.com 503-803-7797

Summary

Design and implementation of SAAS multi-tiered Spring based applications. Front end jQuery with Spring MVC, middle tier with REST JSON services, Spring httpInvoker RMI and JPA Hibernate.   Implement Activiti workflow integration.

Design and implement mobile applications in Java using jQuery, js, GWT, Vaadin and Spring based Restful services on back end.Database schema and entity design and persistence with MySql, Oracle, Derby and SqlServer databases using JDBC, JPA, Hibernate Swing.

Experience in wide variety of developer tools, including Git, Mercurial, Netbeans, Eclipse, GWT, Maven and Gradle. Very strong in Linux and OSX development environments.

Strong proponent of Agile methodology, emergent design, TDD, and continuous integration. Experience with related tools Jira, Confluence, JUnit & Jenkins.

Server side development and deployment with Tomcat, Jetty, GlassfishIntegration with outside data sources using JAXB/XML, JSON, JAX-RS/REST and mobile web applications

Direct interaction with customers to analyze problems, develop and document solution options individually and as part of a team, architect and implement final solution in an adaptive Agile manner.

Founder and Leader of Portland Java User Group (PJUG) 16 years

Experience

Independent Contractor – Solidware, Inc   April 2014 - Current

Short term remote contracts on database integration, SMS and MMS Text servlets, web services and on work done with prior companies.

SAAS Architect and Developer – Evisions, Inc   May 2013 - April 2014

Design and implement new SAAS Application for Research Administration in Colleges and Universities. Multi-tiered Spring MVC based SPA on front end, REST/RMI middle tier and services. Architected and developed eForms solution for custom electronic application form creation, integrated off the shelf (Activiti) workflow solution into system.

Lead Software Engineer – RealPage, Inc   February 2003 – May 2013

Development of new products, next generation of existing products and maintenance of current applications developed for Assisted Living facilities. Designed and implemented next generation AL product in Java utilizing Swing, Beans Binding and JPA. Worked on mobile phone/pad application prototype using GWT.Maintained and developed existing products in VB for marketing and facility management. Created, designed and implemented new product for the visibility and charting of assisted living data existing multiple distributed databases. Created, designed and implemented XML data integration application. Designed and implemented prototype nurse charting application on Force. Currently working with PhoneGap designing mobile applications for IOS Apple and Android.

Senior Staff R&D Engineer – Synopsys, Inc   December 1998 – February 2003

Developed new architecture for Java Swing based graphical user interface. Designed and benchmarked architecture for interprocess communication and multi-threaded application on multiple hosts. Founded "Technology Roundtable" for discussion of new business technologies and entrepreneurial ideas. Architect for new project integrating client/server applications, web documents and EDA tools via RMI and native methods. Tomcat Servlet engine, servlets and JSP to mySQL backend. Trainer internal Java classes and JavaScript at WSU. Guest lecturer to Software Association of Oregon in Bend and Beaverton on Java and Java Beans.

Founder, Software Architect – Solidware, Inc   December 1996 – December 1998

Built company specializing in network programming and Java for internet and intranet. Developed technology, product plans and business plans for worldwide server monitoring service.; Outside consultant on multiple projects including; designing and writing a new Java customer service GUI applet/application for telecom using Sybase jconnect, a Java on-line discussion forum, an on-line financial budgeting applet, multiple Java applets and servlets, CGI/Perl and JavaScript for database access, graphical display, and web forms processing, multi-day training classes

in Java, JavaScript and CGI/Perl5, multi-process, multi-threaded GUI and communication architecture for EDA project.

Senior Software Architect – Universal Algorithms, Inc July 1995 – September 1996

Directed internet development teams in multimedia design, HTML, database, electronic commerce, and maintenance of 6 WWW domains. Managed, designed and built system to permit students to use the web to apply to Universities, transmit the encrypted data, and import into schools databases. Included Java processing client, metafile application builder, Illustra SQL database integration, NSAPI, and PGP encryption. Founded Portland Java Users Group (PJUG).

Founder, Software Architect - Product.com, Inc   August 1994 – July 1995

Started new corporation to provide small business with internet visibility. Designed and built "InterResponse Email" robots and automated web advertising sites. Developed business and marketing plans, direct advertising campaign. Sold company to Universal Algorithms in July 1995.

Principal Engineer – Eagle Design Automation   February 1995 – June 1995

One of the original design engineers for new EDA startup. Designed original architecture for interprocess communication and graphical user interface of hardware simulation and software co-design product. Left company to pursue own startup Product.com

Senior Staff Consultant – Performance Computing, Inc   August 1993 – February 1995

Project leader designing and implementing a 3D real-time graphical simulation application on Silicon Graphics using Inventor and C++. Other contract projects included network programming on AIX for TCP/IP packet tracing, developed new GUI for Mentor Graphics/Delco parts library.

Senior Staff Engineer – Quickturn Design Systems, Inc   February 1992 – August 1993

Architected and built a new multi-window Motif user interface using TeleUSE, architected new hypertext help/error subsystem. RPC based distributed application for communication of user interface to backend emulation hardware.

Senior Research Engineer – Mentor Graphics   May 1989 – February 1992

Co-inventor of patent on use of FPGAs in logic emulation. Focused on logic partitioning and interconnect algorithms (clustering, simulated annealing, genetic algorithms). Developed X-Motif GUI in C++, schematic editor maze router, client/server place and route distribution.; Developed business plan and sold technology to Quickturn February 1992. Remained on Mentor Campus working for Quickturn.

Engineering Manager – Mentor Graphics   August 1986 – May 1989

Directed project team for all IC tool development groups. Responsible for development process, release schedules, hiring, customer requirements and problem resolution, strategic planning for full-custom IC design application. Product was chosen by customers as Highest Quality Mentor Graphics Product. Commended and received bonuses for high degree of customer responsiveness and excellent group leadership.

Software Engineer / Project Lead – Mentor Graphics   April 1985 – August 1986

Multiple product improvements including translator performance, UNDO functionality, and a new graphical user interface. Developed leading edge GUI (for 1985) with popup and pulldown menus. Promoted to Project Lead in less than a year from date of hire.

Education

University of California, Santa Cruz   Bachelor's Degree in Computer and Information Sciences

University of Florida   Doctorate in Veterinary Medicine

Florida State University   Bachelors Degree in Biology, minor in Chemistry