

Jeffrey C. Rogers

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Summary

Experienced Java/Web developer with team lead experience (including agile teams) focused on designing & developing GUIs, both fat & thin client, that leverage distributed system architectures. Comfortable incorporating leading-edge design approaches, technologies and project management techniques. Well versed at presenting to internal and external customer audiences to gather feedback on prototypes and solutions.

Experience

Director of Engineering, PegaSystems (Bedford, NH) July 2011 - Present

- Building proof-of-concept prototypes to demonstrate advanced Pega mobile UX features.
- Hands-on role leading Agile development teams, including writing code, product design, mentoring and managing two teams comprised of 14 developers.
 - First team tasked with building a mobile version of Pega's flagship product, PRPC, for iOS and Android utilizing HTML5, CSS3, Javascript, Sencha Touch, and Phone Gap.
 - Second team tasked with the enhancement of Pega's suite of developer tools to utilize similar technologies on a desktop.
- Presented at PegaWorld User Conference (Dallas, 2012).

Senior Software Engineer, HealthDialog (Bedford, NH) July 2009 - July 2011

- Designed & implemented extensive enhancements to a web-based tool for managing automated telephone call system. Tool included a dashboard for concise display of key performance indicators, with additional details provided on mouse-over.
- Utilized JSPs, AJAX, Tomcat and SQLServer.

Consultant, Child & Family Services (Manchester, NH) June 2006 - December 2009

- Designed and implemented extensive enhancements to a proprietary web-based time and service tracking system.
- Led meetings with key customers to understand needs while maintaining an iterative development approach to maintain up-time on system.
- Prototyped mobile data entry screens for iPhone.
- Utilized JSPs, AJAX, Tomcat, SQLServer and Hibernate.

Software Engineer, Kiva Systems October 2008 - May 2009

- Designed, implemented & maintained multiple GUIs to manage a robotic warehouse system.
- Utilized Java Swing (fat client) and JSPs (thin web client).
- Kiva's technology was subsequently acquired by Amazon.

Principal Software Engineer, CedarPoint Communications (Derry, NH) August 2004 - May 2008

- Designed, implemented and shipped web-based GUI used to manage CedarPoint's VOIP hardware products.
- Implemented self-updating web pages using AJAX along with a data-intensive dashboard with Tufte-inspired graphs using JFreeChart and detail views on mouse-over.
- Led customer presentations to review product and gather feedback on GUI and relevant behaviors.
- Utilized JSPs, AJAX, JBoss, EJBs, Struts, JavaScript, HTML DOM, and CSS.

Principal Software Engineer, Ohia Networks (Stow, MA) October 2003 - July 2004

- Designed and implemented GUI for a network management product.
- Utilized Swing and JBoss.

Principal Software Engineer, ProvisionSoft (Andover, MA) December 2001 - May 2003

- Lead a team of 8 developers to design and implement a GUI for a SAN management product that utilized a three-tier architecture leveraging JMS and XML for communications. Supported Solaris and Win2K servers/clients.
- Worked collaboratively with GUI and architectural teams to ensure overall product quality.
- Utilized 220K lines of Java while leveraging 3rd party libraries and scripts, as needed.

Former Employment, Additional detail available upon request.

- Nortel Networks, Lead Software Engineer, May 1999 - September 2001
- Fidelity, Software Engineering Consultant, October 1998 - April 1999
- DALiM Imaging Software, Sr. Software Engineer, September 1997 - October 1998
- NovaSoft Systems, Inc., Software Engineer, March 1995 - September 1997
- The MITRE Corp., Member of Technical Staff, January 1984 - February 1995

Education / Publications / Patent Applications

Purdue University, BS Applied Physics & Computer Science

Post Graduate: Tufts on Data Presentation, Java, Smalltalk, C++

Publication: iSpace: A Web-Based Tool for Abstract User Interface Prototyping, published in *Proceedings, for USE 2002, First International Conference on Usage-Centered, Task-Centered, and Performance-Centered Design*. Edited by Larry L. Constantine.

Patents Filed: May 19, 2000, Nortel Networks for Graphical User Interface for Distributed Accounting, Rule Driven Enhancing of Network Usage Statistics and Node Deletion in Distributed Accounting Architecture

Skills/Languages

Languages

Java (1.0.2 - 6), JavaScript & TypeScript, HTML 5, CSS 3, XML, JSON, C & C++, SQL, C#, Ruby, Swift

Operating Systems

Unix (Solaris, Ultrix, HP/UX), Mac OSX & earlier, MS Windows (3.1 - 7)

UI Tools & Technologies

Java Swing & AWT, jQuery, Dojo, YUI, Prototype, Ext, AJAX, XMLHttpRequest, JSPs, Struts, JavaScript, Abstract Prototyping, Web-based Mock-ups, Structured Walkthroughs, IDE RAD tools (NetBeans, JBuilder)

Other Tools & Technologies

HTTP/2, RSpec, J2EE, Apache, Tomcat, JBoss, Websphere, Servlets, JSPs, EJBs, Eclipse & NetBeans IDEs, Oracle, MySQL, SQLServer, UML