

Jay Barker

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Objective

Lead software engineer on a team delivering best-in-class software.

Summary

Over eight years of professional software development, consistently producing successful and complete solutions. More than ten years of part-time web development and hobbyist programming. Extensive technical and leadership experience.

Experience

Software Engineer

January 2011 – Present

Nokia

Delivering software to connect people worldwide.

Consultant

July 2008 – October 2010

Slalom Consulting

Project role: Lead Software Engineer, Front End / Web

Designed and implemented the front-end, web tier for a new application at an IT infrastructure company. Provided a responsive, cross-browser user experience with Apache Wicket, jQuery, and leading open source components.

Built complete functionality for application features, including requirements, specification, database schema, entities, data access, services, web components, UI design, markup, behavior, styling, and testing. Delivered cross-platform, object-oriented software through a successful production release to the corporate extranet.

Technologies used: Java, JavaScript, jQuery, Ajax, Apache Wicket, HTML, CSS, Spring Framework, Hibernate, J2EE, YUI, HTTP, XML, XSLT, MySQL, Maven, Eclipse, JUnit, Jetty, Tomcat, Subversion, Hudson.

Project role: Senior Software Engineer, Web & Services

Led the design, development, and deployment of a lead-generation web platform. Delivered a scalable, Java-based solution to power over a dozen public web sites.

Performed agile software development using Scrum. Implemented semantic, valid markup for search engine optimization (SEO). Decreased ongoing costs by tuning web performance. Interviewed technical candidates and mentored team members.

Technologies used: Java, JavaScript, HTML, CSS, Spring Framework, Hibernate, Ajax, YUI, Prototype, Maven, J2EE, Servlets, SiteMesh, Spring MVC, JSP, JSTL, JSON, XML, HTTP, Eclipse, JUnit, Ant, Jetty, JBoss, MySQL, Subversion, Hudson, Rally.

Project role: Senior Software Engineer, Release Management

Designed, implemented, and delivered a lean continuous deployment process for a new SharePoint-based extranet application at a non-profit organization.

Senior Software Engineer

2008

Apptio

Designed and implemented new functionality for an IT financial management platform.

Technologies used: Java, JavaScript, Ajax, Google Web Toolkit (GWT), Tomcat.

Senior Software Engineer 2007 – 2008**QL2 Software**

Designed and developed functionality for a software-as-a-service web application. Created a new, responsive user experience with Ajax and cross-platform design. Performed agile development, led technical initiatives, and mentored team members.

Technologies used: Java, JavaScript, Ajax, Spring, Hibernate, HTML, CSS, JSP, JSTL, DWR, JBoss, Tomcat, YUI, Prototype, Postgres, SQL.

Consultant 2006 – 2007**Net Result North America**

Primary software engineer during development and testing phases for three enterprise applications delivered to a large European telecommunications firm.

Technologies used: Java, JavaScript, XHTML, CSS, Oracle, JSP, Struts, Tomcat.

Software Engineer 2005 – 2006**Teranode Corporation****Research Associate** 2004 – 2005**Pacific Northwest National Laboratory****Technical Intern** 1998, 1999, 2000 & 2003**Intel Corporation****Software Test Engineer Intern** 2001 & 2002**Microsoft Corporation****Education****M.S., Software Engineering** 2007**Seattle University****B.S., Computer Science & B.S., Technical Communication** 2004**University of Washington****Projects****Web development** 1994 – Present**Self-employed**

Built and managed public web sites. Earned revenue from technical consulting, advertising, and affiliate referrals. Sites commended by media worldwide.

Software development, mobile 2000 – 2008**Hobby project**

Developed free, open source software for the Palm platform using C. Optimized the user experience according to the Palm OS User Interface Guidelines. "Reflect" has been downloaded over 90,000 times.

Organizations**Elected Officer & Webmaster** 2004 – 2009**Rotaract Club of Seattle, Rotary International**

Elected leader in local chapter of international service organization for young professionals. Responsible for event planning, event execution, recruitment, member retention, communication, marketing, and all aspects of the public web site.