

Vijay Arunkumar

Software Engineer

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Mobile
iOS, Win32, Blackberry, J2ME
(Polish).

Web
HTML/CSS/Javascript. Apache,
PHP, Perl, J2EE (Servlets/JSP),
Struts, Hibernate, Freemarker

Search
Lucene, Map Reduce, Nutch +
Hadoop.

General
TCP/IP Networking, XML/XPATH/
XSLT, Relational Databases

Languages
Java, C++, Objective-C, Perl,
PHP, SQL

Published Apps



Fotoyaki

Profile

Software Engineer specializing in mobile and web development with a love for cutting edge technology and an obsession for design and usability.

Experience

Software Engineer, **mobclix**

San Francisco, CA 01/11-present

I am currently working on designing and building out an Ad Exchange where networks of Publishers and Advertisers can link and serve Ads to each other. I also designed and implemented algorithms to optimize the allocation of Ads and their pace of delivery, so as to maximize developers' revenue, as well as meet the campaign impression targets for the Ads.

Computer Scientist, **Adobe**

San Francisco, CA 05/10-01/11

As part of the Flash Mobile Customer Engineering team, I worked on porting Flash Player 10.1 for the Blackberry Playbook. I worked on integrating the core Flash functionality with platform specific features like Power management, Windowing, Touch event handling, etc, and on interfacing the Player plug-in with the QNX/Torch browsers via NPAPI.

Software Development Engineer 2, **Microsoft** Senior Software Engineer, **Tellme.**

Mountain View, CA 05/07-05/10

Mountain View, CA 09/06-05/07

I led the initial development effort for creating Windows Phone 7 Speech Experience, and was later involved in the design and development of the UX flows, and grammars. I worked on a Voice + Visual application development platform for Windows Mobile, Blackberry, and J2ME platforms. I worked on the original version of the platform for Blackberry, Sprint Instinct, and J2ME phones, on top of which the "Tellme for mobile" experience (www.tellme.com/you) was built, and also led design and development for rendering and layout for the Windows Mobile 6.5 version. I also played a key role in defining the XML-based language used for authoring apps on the platform.

Software Development Engineer, **ebay**

San Jose, CA 02/05-09/06

I worked on an online search engine for finding products, similar to Google Shopping. I implemented a crawler component that uses machine learning to detect and filter out layout features on the sites being indexed, and allowed us to focus on the actual content of each page being indexed. I also implemented site specific content scrapers for indexing reviews and ratings using XPATH. Prior to that, I was part of the ebay Stores team, where I implemented features such as "Related Searches", and "Cross Merchandizing," which suggest alternative search terms and products. I also designed and prototyped an AJAX based page creation tool that was intuitive, and allowed drag-n-drop layout of widgets.

Software Consultant, **Spherion Consulting @ AOL**

Dulles, VA 08/04-12/04

I designed, developed and configured a web-based Report Scheduling & Querying tool for analyzing crash data fed back from Netscape's TalkBack agent. The app was implemented with Struts, JSP, and Hibernate, on a Linux server running Apache, and MySQL.

Sr. Programmer, **Accenture Tech Solutions @ ebay**

San Jose, CA 11/03-07/04

I was involved in designing and developing the Stores 1.0 project, in which we helped ebay migrate stores functionality from their C++/IIS based v2 architecture to their new J2EE based v3 architecture. I also helped design, scope, and implement the Seller Reports project, which involved generating monthly and weekly online reports for ebay sellers.

Java Developer, **Tek Systems @ Genentech**

Vacaville, CA 03/02-07/03

I worked in the Vacaville IT and Logistics team where I designed and developed various web applications for audit tracking and project management in addition to helping the accounting department with programming brio query reports.

Education

University of California, Davis, CA — B.S. Computer Engineering, June 2002
(minor in Managerial Economics)