

# Vijay Arunkumar

Binary Innovator

## address

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## 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 Development Engineer 2, Microsoft** Mountain View, CA 05/07-present

**Senior Software Engineer, Tellme.** Mountain View, CA 09/06-05/07

I am currently working on developing the Speech experience for the next generation of Windows Mobile OS. Prior to that, I worked on an XML based Voice + Visual application platform for Windows Mobile, Blackberry, and J2ME platforms, on top of which the "Tellme for mobile" experience ([www.tellme.com/you](http://www.tellme.com/you)) for Windows Mobile 6.5, Blackberry, and the Sprint Instinct were built. I was responsible for leading design and development of UI Controls and layout engine across platforms. I also played a key role in defining the specification for MML, the XML language in which apps were authored.

**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 Map-Reduce task and crawler component that uses machine learning to detect and prevent redundant layout features that are found across all page on the sites from being indexed. I also implemented site specific content scrapers for indexing reviews and ratings. I was also part of the ebay Stores team, where I implemented the "Related Searches", and "Cross-Seller Merchandizing" features. I also designed and prototyped an AJAX based page creation tool that is intuitive, easy to use, and allows 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, using Struts, JSP, and Hibernate, on a Linux server running Apache w/ JK, 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 designed, scoped, 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)

## Skills

Mobile - iPhone SDK, Windows Mobile (C++, Win32), Blackberry, J2ME.

Web - HTML/CSS/Javascript. Apache, PHP, Perl, J2EE, Struts, Hibernate, XSLT

General - SAPI, TCP/IP, XML/XPATH, Relational Databases

Search - Map Reduce, Nutch + Hadoop.

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