

# Vijaykumar 'Jay' Palat

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## Qualifications

- A dynamic senior software engineer with twelve years of software development experience.
- Proven strengths in: managing complex situations and designing standards-based, high-traffic, enterprise and web applications
- Demonstrated track record in process and policy development, improvement, and documentation.
- Recognized ability to explore and quickly master new technologies and tools.

## Technical Skills

Languages: Java, PHP, SQL, Javascript, Python, Objective C, Perl, XML

Operating Systems: Linux (Ubuntu, Red Hat, SuSE), OSX, Windows, AIX, Solaris

Software Platforms: WebSphere (Application Server | Portal Server | Process Server), Rational (Application Developer | Software Architect), IBM Http Server, Apache, LDAP, VMWare, Xen, CVS, SVN, git, MySQL, DB2, Oracle, Eclipse, Mozilla, Firefox, SAMBA, BIND, Amazon EC2, Google AppEngine

## Professional Experience

### IBM Pittsburgh Lab - Pittsburgh, PA :

**August 2000 - Present**

Senior Software Engineer - Remote Service Lab/WCC	September 2007 - Present
Advisory Software Engineer - Remote Service Lab/WCC	June 2005 - September 2007
Staff Software Engineer - WebSphere Competency Center	May 2002 - May 2005

- Technical lead for several large web applications including the IBM.com Support Portal defining architecture, developing coding standards and guidelines, initiating and leading conversations between customers, management, development, test and operations.
- Drive projects to success by engaging with the customers at every level including Technical Staff, Management and Executive Management.
- Lead architecture and development teams with sizes ranging from 3-30 seated locally, nationally and internationally.
- Architected solution for an IT Security Compliance and Automation tool that maintains compliance data for over 42,000 systems in 32 countries.
- Provided architectural designs and reviews for customers, partners and internal clients for enterprise and web-based applications on WebSphere.
- Developed technical criteria and procedures for the IBM SOA Enablement Program to evaluate and place ISVs and IBM Partners in the SOA Ecosystem.
- Developed Governance and Architecture for a system to allow 3rd party applications to be integrated into the IBM Support Portal.
- Led a cross-brand extended architecture team with architects from Software Product Development, the Global eTransformation Group and the CIO's Office.
- Successfully managed multiple engagements concurrently while delivering quality results on time.
- Developed a variety of Portal solutions using a mix of technologies integrating J2EE with XML/XSLT, STRUTS, JSR168, and JSR286.

- Developed applications based on Open Source technology including LAMP(PHP), Perl, and Python.
- Mentor peers and junior employees on new technology and project practices. Coach Agile Development techniques to developers and management, leading Agile adoption for the team.
- Developed and taught classes on PHP, Virtualization (VMWare and Xen) and Agile Development at WebSphere Services Technical Conference.
- Member of the Software Group Architecture Board, Global e-Transformation Architecture Board and IT Specialist Certification Board. Represented IBM as an Ambassador for Carnegie Mellon University.

Staff Software Engineer - Edge Server Test Team August 2000 - May 2002

- Developed and implemented aggressive test plans for WebSphere Edge Server Proxy.
- Designed and implemented automation tools in Java and Perl.
- Supported the Documentation team by explaining new features and reviewing documentation for technical accuracy and product usability.

**H2 Design Group, Inc. - Pittsburgh, PA**

**May 1998 - July 2000**

Systems Engineer

- Developed a variety of applications on Linux, Apache, Zeus Webserver, Mysql, PHP and Perl.
- Architected, deployed and maintained a web hosting facility composed of IRIX, Linux, Solaris and Windows servers running web servers (Zeus, Apache and IIS), database servers (MySQL and mSQL), mail(Sendmail), and DNS (BIND) supporting 25 Fortune 500 companies.
- Coordinated construction and networking contractors to deliver telephone and data network capabilities for the new H2 office.

## Personal Projects

- Developed [LibraryList](#) for the iPhone Platform using Objective C and Python on Google App Engine.
- Developed [QuoteURLtext](#) plugin for Mozilla Firefox - written in JavaScript.
- Created a private Amazon Machine Image for Fedora Core 11 used by Cedexis.
- Documented deploying [Ubuntu 6.10 on a Thinkpad T60p](#).
- Developed websites based on Cake for PHP, Ruby on Rails and WebSphere sMash.

## Education

- Master of Information Technology - Carnegie Mellon University - August 2004
- Bachelor of Science in Computer Science - University of Pittsburgh - May 1999

## Certification

- IBM Certified IT Specialist - May 2009
- IBM Certified System Administrator
  - IBM WebSphere Portal V6.0 - May 2008
  - WebSphere Application Server, Network Deployment V6.1 - May 2008
- IBM Certified SOA Solution Designer - May 2006
- Brainbench Linux Administration Certification - April 2005

## Awards

- Bravo Award (Innovation that Matters) - August 2008
- Lab Services Award (Ovation Award) - August 2007

- Bravo Award (Dedication for Client Success on the ITSAS Project) - June 2006
- Bravo Award - November 2005
- Thanks Awards - (*17 Peer awards between 2003-2010*)

#### **Patent**

- Vijaykumar Palat and Regina Joyce (filed 12/2009) "Automated Dynamic Portlet Rendering"

#### **Publications**

- *Palat, Vijaykumar.* Powering Google Gadgets with WebSphere sMash. Posted: [http://www.ibm.com/developerworks/websphere/library/techarticles/0806\\_palat/0806\\_palat.html](http://www.ibm.com/developerworks/websphere/library/techarticles/0806_palat/0806_palat.html) June 04, 2008
- *Palat, Vijaykumar.* [SOA Community Talk for CMU SOA Day](#). 10/2007.
- *Palat, Vijaykumar.* Catalog Caching to Improve Search Efficiency in Distributed Peer-to-Peer File Sharing Systems. *Issue 449. Page 1536. 09/2001.*
- *Palat, Vijaykumar.* The Collocation of WebSphere Edge Components with WebSphere Application Server on Windows 2000. Posted: [http://www.ibm.com/developerworks/websphere/library/techarticles/0406\\_palat/0406\\_palat.html](http://www.ibm.com/developerworks/websphere/library/techarticles/0406_palat/0406_palat.html) June 11,2004.

#### **Other Achievements**

- Completed the Pittsburgh Half-Marathon
- Red Cross First Aid, CPR (Adults, Children and Infants) and AED Certified.