

# Kyo Suayan

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## Summary

Twenty years of web application development experience (Waterfall & Agile) with various technology stacks. Strong **visual design** sense complemented by good understanding of **Accessibility**, **Usability** and **Branding** issues in a high traffic website. Motivated by technical challenges and enjoys contributing in a team environment.

## Career Objective

Seeking opportunities where I can continue to build world class user experiences by applying sensible UI design delivered via emergent web technology.

## Professional Experience

### Senior Software Engineer - Front End, Stanford Health Care, Palo Alto, California

August 2013 to date

- Responsible for the design and implementation of usable and responsive web UI components for Profile Deck, Search Bar, LinkList, Referral, Clinic Map Components on SHC's emergent content management platform, Adobe CQ5;
- collaborates on design and architectural issues with product managers, architects, designers, engineers, and infrastructure teams to build and deliver robust front end solutions that showcase the hospital's brand (StanfordHealthCare.org);
- designed CQ5 templates, OSGi bundles (REST servlets), and custom OO JavaScript libraries for Adobe CQ5;
- conducted candidate screening, onboarding, code review and mentoring of new hires;
- developed UX critical functionality for the hospital's next generation healthcare informatics platform running on SpringMVC, MongoDB and EPIC MyChart (full stack).

### Software Engineer, Electronic Arts/Maxis, Redwood Shores, California

April 2011 to August 2013

- Implemented in game user interface for SimCity 2013 relaunch (JS/HTML5/CSS3);
- implemented server side controllers for Admin Console (SpringMVC);
- developed experience critical components: Region Map, Global Market charts (SVG), My Games panel, Create A Game wizard, Advertisement Client;
- developed SpringMVC/J2EE controllers and front end components for an unreleased IP title;
- evaluated and proposed Web Content Management System for the division which was eventually adopted as target corporate platform;
- conducted security retrofitting for a legacy PHP website.

### Vice President - Application Programming, Bank of America, San Francisco, California

January 2006 to March 2011

- Developed UI for Online Banking, Mortgage and Insurance using XHTML, CSS and jQuery;
- conducted code reviews for maintenance releases in ColdFusion and J2EE;
- troubleshoot and resolved production issues in a team-based environment;
- integrated vendor technologies for search, text chat, metrics and SEO;
- developed device independent markup for Mobile Banking in J2EE;
- designed security components for credit bureau interface;
- Technical Delivery Lead for Search Engine Upgrade, Small Business eRecommend, Philanthropic Management, Mobile Banking;
- provided technical consultation to business partners on Flash and Rich Media Content.

## **Senior Business Analyst, Bank of America, San Francisco, California**

December 2001 to January 2006

- Subject matter expert on Home Page architecture as traffic grew from 1.5M to 21M users;
- SME for Higher Standards branding, global navigation, site wide assets (CSS, JS, XML, XSL, Flash);
- lead a small development team for Associate Banking Redesign project;
- developed deployment strategy for Coremetrics Pilot on top revenue areas of BankofAmerica.com;
- developed front end components for Online Check Verification Application (CF and JS);
- provided key knowledge transfer to third party vendors on look and feel, accessibility and user experience standards;
- lead the redesign and development of key hub pages (Help, Sitemap, Sign In, and Contact Us);
- established weekly process for analyzing and reporting of availability metrics;
- authored Web Accessibility Guidelines for Flash based content;
- developed ADA compliant prototypes and CSS stylesheets for Online Banking with PHP;
- Certified Six Sigma Greenbelt with DFSS.

## **Web Engineer, Yipes Communications Inc., San Francisco, California**

July 2001 to November 2001

- Developed Customized Service Availability information web application for the ISP's 20 markets nationwide (CF4.5, Oracle 8i);
- maintained Contract Management, Bandwidth On Demand and Trouble Ticket applications (CF 4.5, Oracle 8i);
- developed Perl data conversion and loader scripts for various databases.

## **Web Developer, Silicon Graphics, Inc., Mountain View, California**

February 1999 to June 2001

- Developed site navigation API for Supportfolio (online support website) spanning 80,000 pages;
- redesigned Installation Plan Manager using PHP and MySQL;
- developed front-end scripts for Online Customer Registration using Perl;
- maintained internal applications and fixed bugs for e-Request Tool, Customer Feedback, and WebQueue;
- developed scripts for web based surveys: Pipeline Newsletter, Supportfolio Connect, and Customer Satisfaction;
- maintained global mirroring tool (US, Europe and Japan)

## **Perl Developer, The Gale Group, Foster City, California**

February 1998 to November 1998

- Developed Perl/XML based Data Acquisition framework for major newswire services including PRnewswire, BusinessWire, and Knight Ridder Tribune/Business News;
- developed a secure HTTP/FTP based upload system (IIS4/NT, Perl and CGI.pm);
- developed a web based database browser for Data Acquisition;
- administered Windows NT servers for product development;
- Installed, configured and troubleshot servers running IIS4.0, ColdFusion 3.1, Perl and Java database backends.

## **Systems Engineer, International Consulting Resources Group, Foster City, California**

October 1998

- Designed and developed ICRG's corporate website with online consultant search and resume submittal using ColdFusion, IIS4 and Windows NT;
- ported site codebase to ASP.

## **Webmaster/Administrator, EpicNet, Manila, Philippines**

January 1996 to January 1998

- Implemented web applications such as search engines, forums, and online databases using Perl/CGI, Java, JavaScript, mSQL, Access and dbWeb ODBC Gateway;
- generated usage and web server performance reports using Perl;
- designed corporate websites using Adobe Photoshop, Macromedia Freehand, MetaCreation and Corel graphics suites;
- administered ISP's Digital UNIX web servers running NCSA and Apache HTTPd;
- administered and developed Lotus Notes v4.5 groupware applications on WindowsNT.

## **Technical Consultant, APEC Summit Secretariat/Philippine Dept. of Labor & Employment, Manila, Philippines**

October 1996 to November 1996

- Developed a Labor Market Information Database for the 1996 APEC Summit on Slackware Linux v2.0 and Apache HTTPd;
- developed CGI scripts on Perl v5.0 to generate content for all member countries;
- generated dynamic charts using Java applets.

## **Graphic Designer, Louis Berger International, Inc./USAID, Manila, Philippines**

June 1994 to October 1995

- Designed, visualized, and implemented communication and training materials for Market Development and Policy Advocacy Teams of the ASAP project;
- designed slide presentations, video productions, news advertisements and walkthrough exhibits;
- upgraded and maintained image processing and desktop publishing systems;
- established Internet access for the Berger Group.

## **Education**

Bachelor of Science in Computer Science, University of the Philippines at Los Baños, 1994

Secondary Education, Philippine Science High School, Agham Road, Diliman, Quezon City, 1986-1990

## **References**

Available upon request.

# Technical Skills

## **Programming Languages**

JavaScript, Java/J2EE, PHP, Flash ActionScript, SQL, ColdFusion, C/C++, Perl, XML/XSLT/XPath

## **FrontEnd Toolkits**

HTML5/CSS3/Javascript, jQuery UI, Google Closure, RaphaelJS, ExpressJS, BackboneJS, Twitter Bootstrap

## **Graphics Production Tools**

Adobe Creative Suite, Final Cut Studio 7, Autodesk 3DS Max, Bryce 3D

## **Development Environments**

WebStorm, Visual Studio, Aptana IDE, Eclipse IDE, NodeJS, Macromedia Flash Pro, IBM Rational Application Developer, ColdFusion Studio, Lotus Notes Domino,

## **Dev Tools**

Apache Maven, Webkit Inspector, Perforce, git, svn, rcs, IBM ClearCase, NetLimiter

## **Backend & HTTP Servers**

MySQL, Oracle, MongoDB, Apache Tomcat, Mortbay Jetty, Apache HTTPd, Openfire XMPP Server, IBM WebSphere, ColdFusion Application Server, Netscape Enterprise Server, Microsoft IIS

## **Web Applications & Frameworks**

SpringFramework, SpringMVC, Struts, Drupal, WordPress, PhpBB, Coremetrics, AIS Toolbar, W3C Validator

## **Operating Systems**

Mac OS X, Windows, SGI IRIX, Sun Solaris, Linux (RedHat, Caldera, Slackware), Digital Unix

# Technical Training

- Adobe Analytics: Report and Analytics Custom, August 2014
- Adobe Target Advanced: Power User Training, August 2014
- Adobe Experience Manager: System Administrator, January 2014
- Adobe Experience Manager: Advanced Developer, October 2013
- Adobe Experience Manager: Developer, August 2013
- Presenting Data and Information by Edward Tufte, December 2010
- JavaOne 2010, various sessions, September 2010
- 2010 ADA Web Accessibility Fundamentals
- Motion 4, Essential Training, 2010
- 3DS Max 2010 Essential Training, 2010
- After Effects CS5 Essential Training, 2010
- ADA Web Accessibility Fundamentals, 2009
- Defensive Programming Java EE, 2008
- Web Application Security Foundations, 2008
- Beginning Enterprise Java, Interface 21, 2006
- Java Core Spring Framework, Interface 21, 2006
- Six Sigma Green Belt with DFSS (Certified, 120 hrs training), 2004
- Project Management for Team Members, 2004
- Java Programming Language, SunEd, 2004
- Java Fundamentals, SunEd, 2004
- Web Programming with JavaScript, 2003
- Fast Track to Macromedia Flash MX, 2003
- Java Server Pages, 2002
- Quality Fundamentals, 2002
- Web Accessibility: Principles and Technique, Feb 2002, Nov 2004
- Introduction to CSS, 2002
- C++ Programming, Silicon Graphics Inc., 2000
- Business Objects 5.0 Reporter I & II, Business Objects, San Jose, 2000
- Lotus Notes 4.5 System Administration I, Lotus AEC, 1997
- Lotus Notes 4.5 Applications Development I, Lotus AEC, 1997
- Installing and Configuring Microsoft Windows NT Server 4.0, Microsoft Institute, 1997