

Rob Lindman

Software Developer

634 Irving Circle
Tucson, AZ 85711

208-215-8848

rob@roblindman.net

updated 12.8.2011: visit <http://roblindman.net/> for portfolio and latest resume

An accomplished Software Engineer, Website Developer, Graphic Designer, and Database Developer, specializing in Object-Oriented Design and Analysis with extensive experience in the full life cycle of the software design process, including requirements definition, prototyping, proof of concept, design, development, interface implementation, testing, release and maintenance.

Summary of Qualifications

- Possesses expertise in Object-Oriented Analysis / Design and Development. Skilled at progressing from problem statement to well-documented products.
- Solid project management skills, demonstrated proficiency in leading and mentoring individuals to maximize levels of productivity and optimize products, while working in cohesive team environments.
- Strong knowledge of Web application development, with experience hand-coding HTML, XHTML, CSS, JavaScript, jQuery, PHP, MySQL, Classic ASP, ASP.NET development spanning over a decade, and a commitment to developing clean, efficient, documented code.
- Demonstrated understanding of Access / Jet, SQL Server 2000 / 2005 / 2008, SSIS, SSRS Database implementations, ADO with classic ASP, SqlDataAdapter in C#. Recognized as expert in developing, debugging, documenting, and maintaining database systems for reporting.
- Computer professional and enthusiast with broad range of experience in multimedia, telecommunications, social networking, graphical design, in many environments from web, radio, and television / video production up to 3D virtual world implementations.

Technical Expertise

Languages	C#.NET, ASP, PHP 4 / 5, T-SQL, SQL, HTML, CSS, VBScript, JavaScript, JSON, SOAP, AJAX, XMLRPC, Visual Basic 5 6, LSL, OSSL, Mono, ActionScript 2/3
Databases	MS SQL Server, MySQL Server 5, Microsoft Access, Analytics, Data Cubes, Stored Procedures, Query Development, DTS Package Development
Software	Photoshop, Visual C# Express 2005 / 2008 / 2010, MS Office 95 - 2008, 3D Studio Max, Web Browsers, Text Editors & Related Tools
Systems	Windows (95 98 2000 NT4 XP Vista 7), Linux (primarily Ubuntu / Debian), Mac OS X 10.2 - 10.5, Windows CE 4 / 5
Protocols	Experience developing clients and servers for TCP/IP, UDP, SSH, Telnet, FTP, SFTP, DICT, IRC, POP3, SMTP

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Professional Experience

Contract Web Developer Environmental System Products Tucson, AZ Oct 2011 – Dec 2011

- In an AGILE environment, developed key components of web application with CRUD (create read update delete) functionality.
- Ported components of legacy app originally written in Microsoft Visual Basic 6 to web based php 5.3.8 hosted within a Drupal 7 content management system.
- Hand-coded secure user input forms with client and server side data validation in xhtml / css2 / jquery
- Developed AJAX and JSON routines in JQuery to populate realtime user interface components such as jqgrid and jquery validation plugin
- Developed PDO Prepared Statements with Parameter Binding to connect to Microsoft SQL Server 2008 data store with queries and stored procedures

Contract Web Developer US Dept Health & Human Svcs Telecommute May 2011 – Aug 2011

- Coordinated with team on development of website for products and services provided by US government
- Performed hand-coded customization of PHP5 for Magento E-commerce Shopping Cart system
- Solution leveraged Apache, PHP5, MySQL, Lamp stack, SVN, BASH scripting, linux command line
- Hand coded cross-browser HTML, CSS 2/3, Unobtrusive JavaScript, JQuery, Scriptaculous
- Section 508 compliant HTML for use by visually impaired to conform to strict regulatory requirements

Contract Web Developer Mitsubishi Motors Telecommute Apr 2011 – May 2011

- Developed Landing Page for Mitsubishi Outlander line <http://www.mitsubishicars.com/dangerousroad/>
- Hand-coded HTML 4 / 5, CSS 2/3, JQuery, YouTube integration, social tagging, SiteCatalyst and Omniture
- Developed Facebook Fan Page <http://www.facebook.com/iMitsubishi> using Buddy Media and Social Applet (sapplet) integration
- Coordinated with agency to modify, enhance and optimize graphics with Photoshop CS5

Web / DBMS Developer Local.com Irvine, CA Dec 2010 – Jan 2011

- Debugged and documented legacy pay-per-click service web application in sql server 2000 / 2005, classic asp vbscript, iis 6, and commerce server
- Corrected broken database issues due to server removals caused accounting inaccuracies and lost revenue
- provided high level summary report with a strategy to correct accounting backlog
- Debugged and developed DTS [Data Transformation Services] packages, stored procedures, SQL Server Agent jobs
- Analyzed table structures with RedGate tools to locate missing dependencies and broken packages

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Professional Experience *(continued...)*

Contract Web Developer Gannett Media Technologies Inc. Norfolk, VA Mar 2010 – Oct 2010

- Nationwide publisher with interests in newspapers including USA Today, television and the internet.
- Managed upgrade of Social Networking components (forums, profiles, photo galleries, blogging)
- Hand coded Javascript to leverage Facebook and Twitter social networking APIs and connectors
- Contributed to company wide HTML / CSS reskin using CSS sprites
- Created macros for Saxotech Content Management System
- Developed view tracking webbug in C# with ASP.NET, ASHX handlers, and SQL Server 2008, created stored procedures and table schema, leveraging memcached servers using Enyim Memcache client. designed for performance under high load of up to 5.4 million hits per hour.
- Worked with Quality Assurance to improve and enhance test plan, debug and correct issues

Software Engineer NexLearn, LLC Wichita, KS Nov 2009 – Feb 2010

- Increased featureset of core player component of the company's primary product in Actionscript 3
- Restored code to an operational state from broken release, documented the product, and shipped on time
- Designed interactive character based animations with Adobe Flash CS3
- Developed sales and marketing ROI valuation calculator tool to improve commercial viability of product
- Created prototype implementations of online training environments for a worldwide real-world retail chain

Contract Developer Litehouse Foods, Inc. Sandpoint, ID Jan 2009 – Aug 2009

- Developed 3 high-profile contest websites with 'Classic ASP' in VBScript with MS Access backend for major marketing project with minimal lead time
- Hand-coded website stress testing tool with C#.NET for load balancing and service quality assurance
- graphic design,
- Hand-coded W3C validated HTML / XHTML validation was critical in this high profile application with over 100,000 visitors with a broad variety of computers, cross browser tested for all current browsers

Software / DBMS Developer MetaCrafters Coeur D'Alene, ID Jan 2007 – Jan 2009

- Created company for development of virtual worlds, products, and services at <http://metacrafters.com/>
- Created online multi-user environment <http://www.extra-dimension.com/>
- Hand-coded PHP5 / MYSQL user registration, account management, splash page and signup interfaces along with backup and recovery procedures
- R&D client and server applications with LUA / C, C#.NET and MONO of for UDP and XMLRPC protocols.
- Participated in several consortium efforts on developing a new RFC Draft standard for virtual worlds
- Developed employee training program, bug tracker application, and live help system
- Created user guide, marketing material, advertising brochure, as well as video tutorials.
- Developed charting applications leveraging libchart and PHP GD libraries
- Hand coded REST / WSDL web interface with Amazon Web Services APIs to manage Amazon Machine Images instances

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References Provided Upon Request

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Professional Experience *(continued...)*

Web Developer / Help Desk	EZ2.net	Murietta, CA	1997- 1998
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- Telephone tech support, Hardware / software repair, developed an online help system which reduced tech support costs
- Administered and configured network servers for DNS, NNTP, HTTP (IIS), and various network services

Manager Information Systems	Inland Empire Components	Lake Elsinore, CA	1996- 1997
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- Developed the company's online inventory search database
- Maintained working order of company's internal computer network.
- Planned, implemented, and troubleshooting of upgrade from Novell Netware to Windows 95 networking
- Researched and implemented numerous cost-reduction inventory management and shipping systems

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Additional Skills

PHP Experience

- Fundamental understanding of Object Oriented Programming with Inheritance, Constructors, Destructors, Private and Public Functions, Properties, Enumerators
- Hand coding of PHP4 / 5 classes using EditPlus, phpDesigner, NotePad+, Bluefish
- Experienced with Dreamweaver MX for developing and maintaining sites
- Extensive experience into developing 'accessible' section 508 compliant forms with PHP / XHTML / CSS
- Experienced with PHP Debugger php_dbg.dll for step by step debugging of command line functions
- Experienced coding with the PHP GD library, CURL for remote HTTP connectivity
- Experience developing secure web forms impervious to typical attack vectors
- Developed solutions leveraging CakePHP, Smarty, PEAR::HTML_QuickForm, and libchart.
- Experience with MVC (model-view-controller) and other design patterns leveraged in Rapid Application Development, Agile Software Development
- Experience with many different PHP frameworks and libraries
- Experience configuring Apache to run multiple websites, configuring mod-rewrite rules for specific usage, modifying Apache port assignments, website security using .htaccess files
- Experienced installing, deploying, upgrading, configuring and administering XAMPP under Windows

MySQL Experience

- Experienced with PhpMyAdmin and PHPMiniAdmin for creating, editing, and administering databases
- Experience developing stored procedures with PhpMyIDE
- Developed bash scripts and cron jobs to execute backups of MySQL data on scheduled basis
- Member of phpclasses.org, #php on IRC, #mysql on IRC, and other related resources
- Experienced developing and administering MYSQL databases with MyISAM and InnoDB
- Experienced using command line tools such as mysqli and mysqladmin, mysqldump, etc., building, developing, backing up, repairing and synchronizing databases

Flash Experience

- Experience creating movies with Flash CS3
- Experience hand coding Actionsript 2 / 3
- Experience generating Flash SWFs on the fly with ming compiler under PHP5

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Additional Skills *(continued...)*

LAMP Stack Experience

- 10+ years of professional experience installing, configuring, and administering Linux operating systems in various environments
- Proficient Linux Developer with experience installing, deploying, maintaining, configuring a variety of distributions
- Experienced deploying LAMP (Linux, Apache, MySQL, PHP 4 / 5) under Ubuntu and Debian
- Experienced with Mac OS X (freeBSD) and MacPorts to install and configure Apache, PHP, and MySQL
- Proficient BASH scripter and system admin, creating scripts and cron jobs for automation
- Experienced with various Window Managers such as Gnome, KDE, XFree86, Enlightenment
- Built and deployed AMIs (Amazon Machine Images) with Amazon Web Services
- Installed and worked with various live cds / bootable usb linux combos
- Experienced with smaller linux installations such as Damn Small Linux, Knoppix, and other distros
- Experienced with various Linux file systems and tools such as reiserfs, xfs, ext2/3, and a variety of journaled file systems
- Worked through building linux distributions from scratch
- Experienced with use and configuration of aptitude, apt-get, and a variety of other package managers
- Experienced modifying PHP ini files, configuring /etc/apache2/ to add, remove, and configuring PHP5 / Apache components (with sites-available and sites-enabled, mod-rewrite, .htaccess, and other related security settings)

Javascript Experience

- Expertise in hand-coding JavaScript, Unobtrusive Javascript, JQuery, Scriptaculous, lightbox, and numerous other javascript libraries
- Able to debug issues with FireFox / FireBug, Chrome Console, and other Javascript tools
- Experience working with existing Javascript Frameworks and developing frameworks from scratch