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| Krithin **Professional Summary**   * Over 7 years of experience in Systems Design, Development, Testing, and Implementation of Client/Server and Web based n-tier architecture systems with strong knowledge of MVC architecture and LAMP stack. * Expertise developing front-end solutions in HTML 4/5, CSS2/3, JQuery, AJAX, JSON, and JavaScript with a solid understanding of cross-browser/platform issues, standards of compliance, and XHTML best practices. * Experienced in developing front-end solutions using Modernizr framework for developing HTML 5, CSS 3 websites by writing conditional JavaScript and CSS. * Good working knowledge on Design Patterns, Database Design, Relational Data Modeling and Development, writing complex database queries, Constraints, Indexes, Views and writing Functions, Stored Procedures, Cursors and Triggers. * Proficient in PHP, MySQL, XML, PDO, ADO, Object-Oriented programming. * Knowledge in Drupal 7 CMS platform module development, theming, and site building. * Hands on experience in implementing Caching techniques (APC, Memcache etc.), Security (Authentication, Authorization) for application development and followed DRY principles. * Knowledge in developing Web Services using web based protocols like SOAP, REST and XML-RPC. * Experienced with Agile/Scrum programming methodologies, test-driven development. * Experienced with Build automation scripts, unit tests, functional tests, and Migration scripts. * Experienced with Designing layouts, skins, themes and templates by following W3C standards and SEO techniques. * Knowledge in developing websites with Responsive designs and using front-end frameworks and template engines. * Working knowledge of using APIs to extend functionality for web, and other web-related technologies. * Working knowledge of writing Python scripts using Django MTV framework. * Experienced with Creating ADA compliant websites by following W3C's WCAG 2.0 and ARIA guidelines. * Experience in configuring GIT version control system, Jenkins integration server. * Strong problem solving, documentation, logical implementation, installation and configuration skills.   **Technical Proficiencies:**    **Programming Languages:** PHP 5.6, C# 2.0, Python 2.2  **Scripting Languages:** JavaScript, JQuery, ASP, UNIX Shell Scripting, PL/SQL  **Frameworks:** YII 1.19, Modernizr 2.6.1, Drupal 7.0, Visual Studio .Net 2010/2005,WordPress,  Symfony 1.4, Blueprint CSS, 960 Grid, Bootstrap, Django  **Databases:** MySQL 5.4, Oracle 10G/9i, SQL SERVER 2005/2008  **Web technologies:** HTML 4/5, CSS 2/3, LESS, SOAP, Web Services, AJAX, OOCSS, XML, XSLT, DOM  **Developer Tools:** Net Beans 7.2, MySQL Workbench 5.1, Composer, Dreamweaver, TOAD,  PHPMyAdmin, Adobe Photoshop  **Version control systems:** GIT (git-flow and hub-flow), Bazaar, Subversion, Visual Source Safe  **Tracking tools:** Redmine, Piwik, Google Analytics, Microsoft TFS, SharePoint 2007  **Application Servers:** Apache 2.2, IIS 7.0/6.0,AWS.  **Operating Systems:** Unix/Linux (FreeBSD, Debian, Ubuntu), OSX 10.5, Windows 7/Server 2003 |

**Experience:**

**Quicken Loans Inc. – Detroit, MI. Jul 15 – Present**

**PHP Web Application Developer / Software Engineer**

**Project Description:**

Quicken Loans Inc., headquartered in Detroit, Michigan, is the largest online retail mortgage lender and the third largest overall retail lender in the United States. Quicken Loans offers residential mortgages in all 50 states and provides such financing options as fixed- and adjustable-rate mortgages, reverse mortgages, and refinancing through its website. The project is to develop interactive website which will calculate refinance, purchase mortgage to lower payment, interest rates, pay-off home mortgage sooner. This application is built using the YII PHP framework and is supported by a MySQL database.

**Responsibilities:**

* Extensively made use of YII 1.1.14 PHP application framework’s widgets, components, modules for developing financial application.
* Used Sigmafront-end template engine for developing web pages with HTML5 standards. Made use of SASS for developing layouts using variables, functions, mixins, and other features for generating style sheets with CSS3 properties.
* Made use of Composer, a dependency manager tool, fortracking local dependencies of our projects and libraries.
* Consumed Restful APIs such as Approval Request, Address Verification Service, Email Lookup, Initial Solution, Mortgage Lookup information for application development.
* Good understanding of DMQL2 for querying cloud search, synonyms.
* Optimized website to accelerate page load times by using techniques including caching (data, page, fragment and dynamic), code minification, and image compression techniques.
* Used PHP tools such as Code Sniffer, Mess Detector to validate code for consistency with PEAR coding standards.
* Followed best standards and practices for development for sanitizing user input, for preventing web application from attacks such as SQL injection, cross-site scripting (XSS), cross-site request forgery (CSRF), and cookie tampering.
* Used AJAX enabled widgets such as auto-complete input field, list-view, data grid and JQuery widgets such as TinyMCE, Accordion, and Date picker for application development.
* Implemented exception handling for error checking.
* Used regular expressions, AJAX, and JQuery for strict input validations, developed responsive interfaces that improve the user experience for providing dynamic functionality to display customized data as per the user selected options.
* Participated in monthly scrums, code reviews, and deployment of code to the production environment.

**Environment:** OSX 10.5, Apache 2.2, MYSQL 5.4, PHP 5.6, YII 1.1.14, SASS,DMQL2, Visual Studio TFS 2013, GitHub Enterprise, Composer, Sigma 2.0, PHP Unit, GIT, JQuery, Net beans 7.3, PEAR, Web Services

**Scholastic Inc., Danbury, CT May 14 – Jun 15**

**PHP Developer**

Core Clicks is a dynamic nonfiction-reading program built from the ground up to support Common Core Standards. It offers short, quality informational texts at varying levels of complexity. Students may complete lessons, activities, and performance-based assessments through a protected Student View. Teachers may track, score, and report on work completed

**Responsibilities**:

* Analyzed the requirement given in functional Specification document and prepared technical specification documents.
* Developed PHP classes as per design developed. Tested it in the development environment.
* Implemented OOP concepts to create generic class files and made it available to be used by other programmers.
* Created PHYTHON scripts to populate Text Studies, giving more dynamic functionality and copied all files to CDN.
* Utilised Amazon Web Services like s3,clouds earch, Rds as part of application development.
* Used JavaScript, regular expressions, AJAX, and JQuery for input validations, developed responsive interfaces that improve the user experience.
* Created Web back-end user interfaces to new and existing databases utilizing PHP and MySQL.
* Formatted HTML by Applying XSLT conversion to the XML and also transformed HTML using regular expression.
* Build client websites with WordPress, Designed complex interfaces to support third party systems.
* Collaborated with creative team members on gathering business requirements and converting them to technical specifications.
* Worked with HTML, JavaScript, JQuery, AJAX, PHP, and MYSQL queries to create templates.
* Wrote Rewrite and Alias in Apache Virtual Host for easy access.
* Use UNIX shell scripting, UNIX commands for distribution of Content.
* Performed client side Validation using JavaScript. Generated user interface with CSS to accommodate the design and logic.
* Applied XSLT conversion to the XML to other formats mainly HTML’s.
* For content management and distribution of files on server, created new PYTHON scripts.
* Use Mercurial Version Manager for Version Control needs, track check-ins and rollback code.
* Used GIT for controlling and maintaining the application source code.
* Integrated Google Analytics to monitor client web traffic and user statistics.
* Fixed bugs and ran tests on development environment before deploying to production

**Environment**: PHP, MYSQL, Red Hat Linux, AWS, CSS, AJAX, HTML, JavaScript, Zend Studio, PYTHON, JSON, jQuery, Git, Net Beans

**Columbia University, New York City, NY Aug 13–Apr 14**

**PHP Web Application Developer**

**Project Description:**

Columbia University is an Ivy- league university with one of the biggest alumni over the USA. To support its huge event organization, university has moved its previous calendaring system ‘SUNDIAL’ to the most advanced calendaring system called “BEDEWORK”. But this system is limited to organize the events and enable registration to its users only. New Ecommerce module enables the existing system to have a sale and enable users to purchase tickets on particular event. This application is built using the YII PHP framework and is supported by a MySQL database.

**Responsibilities:**

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| * Extensively made use of YII 1.0 PHP application framework’s widgets, components, modules for developing CMS driven dynamic web application. * Used Modernizr JavaScript framework for developing front-end usingHTML5 features CSS3 properties. Made use of Polyfills for making Internet Explorer older than version 8 or 9 to provide alternate solutions support HTML5/CSS3 by writing conditional JavaScript. * Made use of Html 5 semantic s and features such as Form Elements, Application Cache, Web Workers and CSS3 properties such as Gradients, Text-Effects, Transitions, 2d/3d transformations for application development. * Optimized website to accelerate page load times by using techniques including caching (data, page, fragment and dynamic), code minification, image compression techniques. * Used PHP tools such as Code Sniffer, Mess Detector to validate code for consistency with PEAR coding standards. * Coded RESTful API for retrieving programs and people information from the application. * Followed best standards and practices for development for sanitizing user input, for preventing web application from attacks such as SQL injection, cross-site scripting (XSS), cross-site request forgery (CSRF), and cookie tampering. * Used AJAX enabled widgets such as auto-complete input field, list-view, data grid and JQuery widgets such as TinyMCE, Accordion, and Date picker for application development. * Implemented exception handling for error checking. * Involved in design of efficient database by following normalization concepts, written complex SQL statements and stored procedures by using indexes in stored procedures. * Used JavaScript, regular expressions, AJAX, and JQuery for strict input validations, developed responsive interfaces that improve the user experience for providing dynamic functionality to display customized data as per the user selected options. * Configured Jenkins continuous integration server to run ANT build scripts scheduled via cron-like mechanism. * Involved in Testing in different Environments like Unit testing, Functional testing, Integration testing before moving code to production environment. |

**Environment:** Ubuntu 12.04, Apache 2.0, YII 1.1.9, PHP 5.4, MySQL 5.2, Modernizr 2.6.1, Net beans 7.2, MySQL Workbench 5.2, Jenkins, PHP Unit, Selenium, GITORIOUS, GIT Hub flow, Photoshop CS4, Dreamweaver, Wikimedia, PEAR

**Paychex, Rochester, NY Oct 11–Jul 13**

**PHP Web Application Developer**

**Project Description:**

Paychex HR online human resources management system can log to manage check stubs and personal information for employees of businesses. It also manages your retirement contributions, health, flexible spending account and their plans.

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**Responsibilities:**

* Gathered requirements and wrote specifications for the project.
* Developed web application and scripts utilizing JavaScript, HTML, PHP and MySQL.
* Used Symfony MVC framework with Doctrine Query language for application development.
* Maintained existing codebase, to include troubleshooting bugs and added new features.
* Worked on Python scripting for developing Help Desk Issue tracking system.
* Created Web back-end user interfaces to new and existing databases utilizing PHP and MySQL.
* Assisted in MySQL Query optimization. Monitored site technical performance and web servers.
* Interacted with graphic designer to make the user friendly interface for the web application. Translating design to code without loss of visual appeal.
* Ensured that the site is in compliance with W3C's WCAG 2.0 and ARIA guidelines.
* Interacted with stakeholders to make a user-friendly administration section according to the client needs.
* Made changes to the existing application as required by the users and also handled exceptions which are existing in the application.
* Documented operational configurations, processes, and procedures.

**Environment:** Ubuntu 10.10, Symfony 1.4, PHP5.3, MySQL 5.0, Python 2.6, Django 1.2, JQuery, AJAX, Javascript

**Dell, Austin, TX Mar 09–Sep 11**

**PHP Web Developer**

**Project Description:** Dell provides excel based application for virtual machine procurement within the organization. We developed a web application that facilitates the Project Managers to create orders using a tool and place an order for required number of virtual machines for the project. The Historical data was also moved to the new applications for reporting purpose. The application calculates the purchase order and generates work orders upon approval by licensing team and application also maintains the build progress of the work orders.

Responsibilities:

* Gathered Requirements from the Consumer Forum and analyzed the process.
* Followed MVC architecture to develop the code in PHP.
* Configured Apache web server to Linux systems to run PHP code.
* Developed code in HTML, JavaScript and PHP.
* Wrote SQL queries and constructed administrative pages for web-based reporting.
* Phase wise deployment at client location and involved in conducting client trainings.
* Participated in regular reviews of code with the user and collected update feedback on it.
* Prepared test plans.
* Worked with HTML, JavaScript, Jquery, AJAX, PHP , MYSQL queries to create templates.
* Wrote Rewrite and Alias in Apache Virtual Host for easy access.
* Use UNIX shell scripting, UNIX commands for distribution of Content.

**Environment**: PHP, MYSQL, Red Hat Linux, CSS, AJAX, HTML, JavaScript, Zend Studio, PYTHON, JSON, jQuery, Git, Eclipse.

**Educational Qualifications:**

B.Tech in Computer Science Engineering . INDIA.