

+91- 96192 65692 (India)
+91- 79764 26084 (India)
jaswanttak@gmail.com

TECHNICAL ARCHITECT & SENIOR ELEARNING CONSULTANT

To work in learning and challenging environment, utilizing my skill and knowledge to be the best of my abilities and contribute positively to my professional growth as well as the growth of the organization.

WORK EXPERIENCE

16 Years

- Communicate with stakeholders to understand business initiatives, set roadmaps, and determine software requirements
- Review the software designs to ensure technical compliance and propose architectural improvements
- Technical assistance during RFPs response submission
- LMS/CMS custom plugins development using code customizations
- Leverage the LMS to provide management and delivery of learning activities using leading adult learning practices
- Manage the LMS and coordinate processes impacting LMS with all members of the Learning Programs and HRIS teams
- Take a hands-on approach to developing and maintaining Vendor Relationships
- Understands learning concepts and can suggest and apply best practices within the organization
- Maintain the Cornerstone Learning and Connect environments
- Supervised development teams ensuring 100% error-free code and design as well as on-time delivery
- Provide key support to Learning and Development initiatives (eg. Performance Management, Global Survey, LMS Administration etc.)
- Provide value added professional advice to enhance business results and employee effectiveness through learning
- Develop and maintain dashboards and companywide views into Learning Programs activity which will drive operational efficiency and be used as the measuring tools for metrics of the Learning Program's team performance
- Establish and maintain strong working relationships with clients. Interact with all levels of management
- Use continuous improvement processes and tools to improve Global Learning processes and increase the value-add provided to our customers
- Managing projects using company project management tools and processes
- Ability to communicate effectively, including the ability to present information, ideas and arguments in ways that facilitate understanding

JASWANT KUMAR TAK

- Ability to manage multiple activities in a fast-paced environment
- Maintain assessment processes to evaluate program outcomes and results, relating to program performance as Return on Investment
- Program/Project Management
- Provide ongoing guidance and support to all team members
- Excellent ability to influence, team build and maintain a positive organizational culture.

Onsite Professional Exposure:

- Implemented WIPO eLC (e-Learning Center) using Moodle3.9.0 for WIPO Academy at WIPO HQ, Geneva
- Implemented ITC SME Trade Academy using Moodle3.1.0. at ITC, Geneva
- Implemented LMS Solution for kids and parents at British School of Geneva, Geneva
- Implemented LMS Solution with competency-based solution using Moodle3.9.0. at HPCL, Mumbai
- Implemented LMS Solution with competency and learning path solution using Moodle4.1.0. at Mahindra Finance, Mumbai
- Worked as Solution Architect for Kineo (Moodle Partner), United Kingdom
- Worked as Solution Architect for WebAnywhere (Moodle Partner), United Kingdom

Trigyn Technologies Limited

Technical Architect

Mumbai, India

29 Nov 2009 - Present

- Experience with analysis, design, development, customizations, Support, Testing and implementation of software applications
- E-Learning application development using the LMS, such as MOODLE, TOTARA and WPLMS
- LMS integration with OpenCMS.
- LMS – Turnitin (Plagiarism Detection Service) Integration
- LMS – Joomla integration using Joomdle with SSO
- LMS – Drupal Integration with Drupal Commerce and SSO
- LMS – WordPress Integration with WooCommerce
- LMS – Mahara (ePortfolio) Integration
- LMS – Panopto Integration
- Developed WordPress plugins, themes
- LMS OAuth integration with Facebook, Google, LinkedIn
- Moodle responsive design with RTL support for Arabic
- Payment Gateway integration.
- Matomo analytics tool integration.
- Integration between Moodle and Open-Cart (online shopping cart)
- Implemented Multi Site Concept using single Moodle Instance
- Google Chart API and amCharts used for many reports
- Developed Moodle Email Notification Block
- Developed Moodle Reports (participant's grade report, course completion report etc.)
- aMember and ClickBank Payment Gateway integration with Moodle
- Moodle Integration with Online Repositories like Google Docs, DropBox
- Moodle configuration on Amazon EC2 cloud network
- Integrated Synchronous Blended Learning tool WIZIQ, BigBlueButton with Moodle LMS

JASWANT KUMAR TAK

- Performed SEO with robots.txt, XML sitemap, Keywords Landing Page etc.
- Used jsMath, DragMath, Latex to render Math's Notations and Equations in Moodle
- Application security testing with SQLMap and Acunetix
- Developed auto email notification system for Moodle which is configurable by admin, this will send email notifications to course participants on new course start, new week start and new quiz start.
- Developed quiz attempt notification system, students and teachers will get quiz attempt report in PDF format on their registered email address
- I ensured that the theme (template) developed in Moodle framework matches with WIPO's website which is responsive to make it compatible with most of the mobile devices.
- I've developed Moodle plugins, blocks, custom reports and carried out Integration of Moodle LMS with Java based Registration module using Moodle Web Services API.
- Custom branding of Moodle Mobile App 2.0
- Moodle Performance/Load Testing using JMeter
- Working with Agile methodology and scrum framework

Kamadhenu

Software Engineer

New Delhi, India

16 May 2008 – 22 Nov 2009

- Web Applications Development using the CMS Joomla1.6
- Developed Joomla theme, component, and modules for real estate website tickrin.com
- Joomla Dynamic Modules, Plugins and Themes Development with a good use of AJAX.
- Google Map API implementations with use of AJAX.
- Paypal Payment Gateway integration with subscription-based payment.
- Development with MVC Design Pattern and OOPs concept.

Technovate eSolutions Pvt. Ltd.

Software Engineer

New Delhi, India

30 Apr 2008 – 15 May 2008

- Web Applications Development using the JAVA/JSP/Hibernate/Oracle
- Worked with open source JavaScript libraries e.g. jquery, prototype.js etc.
- Development with MVC Design Pattern and OOPs concept.

IILV Pvt. Ltd.

Software Engineer

Noida, India

1 Apr 2007 – 29 Apr 2008

- Web Applications development with rich user experience using PHP and Smarty (a template engine for PHP)
- CSS Based layouts client and server-side form validations with use of AJAX.
- UI Design/Space Utilization to provide maximum information.
- Using open-source libraries e.g. jquery, mootools, prototype.js, highslide.js, pclzip etc.
- Use of smarty template engine.
- Using open source LMS and CMS e.g. Moodle, OsCommerce, Pligg, Joomla, OpenCart, OrangeHRM, WordPress etc.
- Managing/Tracking Team's work and team size varying from 8 to 12.
- Managing client deliveries and client communication for requirement gathering and problem solving.

Applect Learning System IILV Pvt. Ltd.

Software Engineer

Kailash Colony, New Delhi, India

28 Dec 2005 – 31 Mar 2007

- Web Applications development with rich user experience using PHP and Smarty (a template engine for PHP)

- CSS Based layouts client and server-side form validations with use of AJAX.
- UI Design/Space Utilization to provide maximum information.
- Use of smarty template engine.
- Worked with MathML

EDUCATION

2001 – 2005 Bachelor of Engineering (IT) 75% (honors) Rajasthan University, Jaipur

SKILLS AND CERTIFICATIONS

- LMS: Moodle, Totara , SAP SuccessFactors, WPLMS, SenSei, Google Classroom
- Languages: PHP, JSP, SQL, PL/SQL, Adobe Flex
- DBMS: MySQL, MariaDB, Oracle
- JavaScript Libraries: JQuery, YUI, JQuery Mobile
- Web Servers: IIS, Apache
- eLearning Tools: Adobe Captivate, Camstudio, Scenari, SCORM 2004, WIZIQ Virtual Classroom, Articulate Studio, iSpring, BigBlueButton
- IDE: Adobe Dreamweaver, Eclipse, Flex Developer, Komodo, Sublime
- Version Control Tools: SVN, subversive (Eclipse Plugin), GitHub
- Issue Tracking Tools: JIRA, Mentis, Thebuggenie
- Online Collaboration Tools: Basecamp, Google Drive
- Wireframe Tools: Balsamiq, Moqups, Mockflow
- Data Analytics: FusionChart, FusionExport, Chart.js, Google Data Studio
- OpenSource Scripts: Moodle, Joomla, Drupal, WordPress, PlayTube, OpenCart

PROJECT DETAILS

Project 1

Title : **WIPO eLC (<http://welc.wipo.int>)**

Front-end : Moodle3.9, Open CMS, XHTML, Style sheet, JavaScript, XML

Middle-end : PHP5, JSP

Back-end : MySQL, ORACLE

Team Size : 8

Duration : 12 Years (ongoing)

Role : Requirement Gathering, Developer

Description : WIPO e-Learning Center (WIPO eLC) is designed for WIPO Academy. WIPO eLC is providing online test series and courses for more than 840,000+ registered users. The old learning system was phased out with MOODLE based learning environment with added functionalities and reporting capabilities, including migration of all the course content with SCORM compatibilities. WIPO eLC is offered in 14 different WIPO languages all over the world. WIPO eLC is integrated with WIPO's existing user center database using LDAP authentication, it also supports SSO (Single Sign-On) with other WIPO services. WIPO's existing payment gateway has been integrated with WIPO eLC for the paid courses. Students can print e-Certificate (with WIPO director's signature) for the courses they have completed. I have also worked on a separate application which is developed for WIPO administrator, Administrator can confirm payments, grant/reject scholarship, manage courses, send email notifications, manage regions, and can view many purchases reports region wise, country wise etc. with many interactive graphs.

Project 2

Title : **ITC eLearning** (<http://learning.intracen.org/>)
Front-end : Moodle3.1
Middle-end : PHP
Back-end : MySQL
Team Size : 1
Duration : 24 Years
Role : Requirement Gathering, Sr. Developer, Interface Design
Description : ITC SME Trade Academy, application is developed using Moodle 3.1. Users can register to the application and can enroll for the available courses. I have customized the registration process. Available courses, can be seen in nicely developed catalog on home page, <http://learning.intracen.org>. The enrolment process is also updated as per the client requirements, i.e. users directly goes into assigned cohort using a single button click, and tutors get notifications that a new user is just enrolled into the course. Apart from that we have implemented email notification system where users and tutors get instant notification on each course start, course end and each week start. I have worked on Quiz attempt notification, students get their quiz attempt in PDF format in their email and tutors also get the same copy for evaluation. Application is integrated with Open Badges. Custom certificate is designed for ITC. The ITC eLearning application is available in 4 languages including Arabic. Additionally I have developed MailBox utility under Moodle for ITC, it works like any other email program e.g. Gmail. Using this utility candidates can access their Inbox, reply to an email, Archive a message or can access all the sent messages.

Project 3

Title : **British School of Geneva** (<http://britishschoolgeneva.com/elearn>)
Front-end : Moodle2.8, Style sheet, JavaScript, XML
Middle-end : PHP5
Back-end : MySQL
Team Size : 1
Duration : 24 months (ongoing)
Role : Requirement Gathering, Developer, Interface Design
Description : I have setup custom eLearning solution for British School of Geneva, Geneva, Switzerland. The school is using the system very well. Teacher are using the eLearning solution to take regular attendance, sending homework assignments, grading, discussion forums and special announcement. There are different kind of Roles i.e. Teachers, Parents, Students, Course managers and Administrators. Parents can see the progress, grades and attendance of their children.
The system also produces some custom reports which are helping school staff to save time and effort, instead of doing manual job. The courses are organized in smart way so no need to do lots of effort for every new school session. Application is recently built with Moodle 2.8.

Project 4

Title : **Tickrin.com** (<http://www.tickrin.com>)
Front-end : Joomla1.5, XHTML, Style sheet, JavaScript, XML and Google Map API
Middle-end : PHP5
Back-end : MySQL 5.0.21

Team Size : 3
Duration : 6 months
Role : Team Leader, Client coordinator, Developer
Description : It's Dubai's fastest growing online real estate agency, with around 5000 properties. On searched criteria, properties get marked on Google map. The application has subscription plan for agents, we have used Paypal's recurring payment API for payments. AJAX based refine search criteria and sorting. Agents can upload many properties in bulk with CSV format. The application is completely developed with Joomla and MVC pattern.

Project 5

Title : **Tapestry Holidays**
Front-end : Joomla 1.5, XHTML, Style sheet, JavaScript
Middle-end : PHP5
Back-end : MySQL 5.0.21
Web Server : Apache
Platform : Windows, Linux
Team Size : 10
Duration : 10 months
Role : Developer
Description : Tapestry Holidays is an online specialist holiday tour operators to Turkey, Crete, Kefalonia, Morocco and Sicily. The Tapestry Holidays new range of bespoke offers dramatic locations and stunning scenery combined with very individual properties of the highest quality to ensure clients have an idyllic getaway and truly unforgettable holidays.

Recent eLearning Projects:

- <https://welc.wipo.int>
- <https://learning.intracen.org/>
- <https://www.britishschoolgeneva.ch/>
- <http://revenueacademy.co.uk/>
- <http://school1.kidproofu.com/>
- <http://university.aramfo.org/>
- <http://etraining.drsearswellnessinstitute.org>
- <http://mindfulschoolscourses.org/>
- <https://pathwaysu.com/>
- <http://www.fastlearner.net.au/portal/>
- <http://helpingchildrenafterdivorce.com>
- <http://advcoaching.drsearswellnessinstitute.org/>
- <http://kicampus.ihreiki.com/>
- <http://medtronicacademy.com/>

PERSONAL DETAILS

Date of Birth : 07, Apr 1983
Marital Status : Married
Passport Number : S1456310
Languages Known : English, Hindi