

I am a Master in Computer Applications (MCA) with around 12+ of experience and strengths in:

- Technical Architect of web based applications on Microsoft Technologies
- Defining business solutions with interactions with clients and multi-vendor conferences
- Managing web application developments, enhancements, support and maintenance
- Managing contracts of multinational clients
- Managing multi-vendor programs
- Excellent written and verbal communications skills for dealing in multinational clients

Skills:

Leadership skills

- Achieving deadline by motivating team and mentoring on technical area
- Conflict management
- Change management
- Cultivating better communication among the team
- Encouraging self-learning by challenges

Contract Management

- Understanding business with client communication and SOW generation
- Managing the large contacts with phased delivery and multi-vendor job integrations and support
- Assisting client to derive best solution using technical expertise
- Provide remote trouble shooting on client environment using remote access tools and conferences

Presentation

- Net meeting using various tools like Webex, Adobe Connect, ON24 etc.
- Defining power point presentation for confirming business understanding with clients

Platforms & Software

- Microsoft Servers & Client Platforms
- Visual Studio .NET for developing .net applications
- XML/XSL
- jQuery
- Microsoft SQL Servers

Application Knowledge

- Learning Management System (LMS)
- Online learning contents architecture (SCORM 1.2, SCORM 2004, AICC)
- Online Payment Systems integrations with PAYPAL
- Integration with Active Directory systems

Academic Profile

- Master in Computer Applications (MCA) in 1999 from South Gujarat University, Surat.
- Bachelor in Computer Science (BSC Computers) in 1996 from South Gujarat University, Surat.

Soft Skills Training

- Completed Curriculum of Living from Landmark Educations. Details of content of the curriculum can be found at www.landmarkeducation.com

Experience Description

After my post graduations in computers I have joined an offshore development centre of UK based company JZERO Solutions Pvt. Ltd. (www.jzero.com). It was a new venture concentrating on the online learning business. We collectively designed a Learning Management System which has evolved by time with covering many multinational companies like **Orange, Siemens, Shell, HP, BAE Systems, T-Punkt, Deutsche Bank, Ericsson, Getronics, OCBE Bank, EC Harris, Intertain, T-Punkt, Softbrands and Merck** as our client. As a member of core management team of the company, I have dealt with all of the clients from understanding the business need to the delivery of customized solution covering multi-vender systems integration and after delivery support and all.

Following is official details of my employments through out,

1. JZERO Solutions Pvt. Ltd. has started a company with name 'DVAL Computer Systems Pvt. Ltd.' for their offshore development need. DVAL Computer Systems had a contract with local company called 'National Infoway' to manage resources and get the work done. I joined National Infoway on **1st August 1999** as '**Software Programmer & Web Developer**' and started working for JZERO UK.
2. After two years of contract DVAL Computer System has started managing operation by our own by hiring me and my colleague as '**Operation Manager**' responsible for whole operation including HR, Infrastructure, Software Development and all. With this I became an employee of DVAL Computer Systems from effect of **1st September 2001** and continued working for JZERO UK.
3. As per vision of 2010, JZERO is going to expand our business in INDIA and hence from the marketing perspective JZERO has decided to change the name of the Indian division to match with UK company name. And hence the new Company has been registered with name of 'JZERO IT Solutions Pvt. Ltd.' in India. And from effect of **1st Jan 2010** all employees of DVAL Computers Systems has been shifted to this new company keeping the same roles and responsibilities and continue working for JZERO UK.

As an advantage of being in the company from the start I have been played a role of architect of defining the business path of growth resulting to multiple satisfied multi national clients and series of products in our catalogue. Details of my progress in the company working on products and projects, follows in later part of the resume.

After serving JZERO from 1st August 1999 to 31st August 2012, I have discontinued my service at JZERO as an employee and started new software development firm called "Divinity Software". The details of my new business can be found at www.divinitysoft.com. From the new business, I am working with JZERO as technical and project management consultant.

Other Activities

I am very much aware about my responsibility towards the society and always keep working for good cause. I believe one should always be thankful to what ever they have got from environment, mother earth and society and in return it's our responsibility to do whatever we can in betterment of them.

I am (in group) running an NGO called '**PRAYAS Team Environment Charitable Trust**' working for Animal, Bird, Reptiles welfare, Environment conservation and awareness activities.

Personal Details

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PRODUCTS DEVELOPMENT EXPERIENCE

Product: Content Authoring System
Clients: First Content Authoring System we are designing

As a next move of our company from Learning Management System (LMS) Providers to the Learning Content Management System (LCMS) we are building up our own content authoring system.

This system is in development stage right now.

Role: Technical Architect & Project Manager

Challenges/Features:

- Multiple course templates to choose from
- Multiple colour theme support
- Various content objects support like text area, image, audio, video, flash swf etc.
- Multi-versioning and Multi-authoring of the course
- Export content to world standard formats like HTML Content, SCORM 1.2 and SCORM 2004

Product: Course Castle (Open Content Management System)*
Clients: JZero's Online Portal for end user for building up own content and share with others

The online world has been shifted to WEB 2 technologies where end user manages the website contents by their own. Wikipedia is a great success story of the WEB2. On the same line we have designed our own portal for the learners of the world. Where they can design their own courses and share with others publicly or manage their own course castle of and run a course for the members of castle.

Role: Project Manager

Challenges/Features:

- Course Authoring Tool
- Multi-versioning and Multi-authoring of the course
- Sharing the experience on course to others
- Support of all types of learning contents of world like (SCORM, AICC etc)

* This system is in beta version right now.

Product: SCORM 2004
Clients: This is the add-on module to the JLMS Enterprise (Our core LMS Product)

A common body Advanced Distributed Learning (ADL.net) has defined architecture for online learning contents to be used by LMS and LCMS. This is to have common content architecture to allow content designed can be used to all LMS. The Sharable Content Object Reference Model (SCORM) has two versions 1.2 and 2004. Our LMS supports 1.2 from the years and now we are moving to allow support of SCORM 2004.

SCORM 2004 is very advance concept to make content an intelligent system which behaves differently as per the learner's experience and knowledge.

This work seeks plenty of technical aspects to read the bulky manuals of rules and regulations and behaviours of the content and rules to define how LMS should behave to content and manage communications in between them.

It took 1.5 years of efforts to complete the module and we are now going to supply this module to our lead client ORANGE.

Role: Technical Architect & Project Manager

Challenges/Features:

- Importing the SCORM 2004 content into our system reading their imsmenifest file.
- Launching the content and managing the interactions between content and LMS
- Support of Sequencing feature of the content
- Support of navigation feature of the content

Product: Collaboration System

Clients: This is the add-on module to the JLMS Enterprise given to some of our customers

This system is to allow intercommunication between users of the LMS through internal emailing features. It also have options of having mentoring system where mentors of the company can be registered themselves as mentors and users will post their queries to mentors and gets answers from mentors.

Role: Technical Architect & Project Manager

Challenges/Features:

- Contact management systems with following options
 - Admin will define rules to define who will be in contacts of which users. (like all users of sales team can communicate to other members of sales team etc)
 - Admin can define rule to have students learning same content curriculum become contacts of each others for communications
 - User can send request to other users to add them in the contact list and start communications.
- Mentoring with following possible business scenario
 - Mentors can be assigned to content and all users of that content become students of that mentor by default.
 - In case of multiple mentors assigned to same content, the query assignment to mentors can have different rules, like one by one or mentors who have less open queries in his list etc.
 - Mentors can be assigned to group of students (of one region of the company etc)
- Own communication interface to send messages to each other and also with option to send intimation through external mail address etc.

Product: Knowledge Forum

Clients: This is the add-on module to the JLMS Enterprise given to some of our customers

This is the full fledge forum to allow users to share their learning experience with other users of the LMS. It is an integrated system with our LMS where the content catalogue can directly be converted to the forums and all learners of the course will see update of posting on the forum on the same course topics.

Role: Technical Architect & Project Manager

Challenges/Features:

- Catalogue can be converted to forum categories and topics
- Users can set forums to my favourite forums
- Users can subscribe to the forum to get mail notifications
- Private reply to a post
- My avatar to have personalised feeling to users

Product: JLMS Enterprise

Clients: Our core products being given to all clients after customisation for their need (Orange, Siemens, Shell, HP, BAE Systems, T-Punkt, Deutsche Bank, Ericsson, Getronics, OCBE Bank, Intertain, MSD Academy, Merck)

After above experience of series of clients and products we have made a product which does not depend on the WEBSVM as a core architecture and we made a full functional our own content launching and tracking architecture. This was a milestone for our company as we got rid of dependency on other company's product and now we are individual company in the market selling LMS. This product has seen series of development phases from V1 to V4, and we are working on V5 right now.

Role: Module Leader & Third Party Integration Expert

Challenges/Features:

This product has seen a great success because of its following unique characteristics.

Complete Flexibility: In today's diverse world every enterprise is different, with their own unique culture and competitive advantages. Your learning solution must adapt to how your enterprise works, not force you to adapt to it. JLMS has been built from the very beginning with a policy of flexibility, of adapting the system to suit each individual enterprise. The Adaptive Learning Architecture allows you to tailor the system to your individual needs, to suit your processes, to suit your enterprises unique advantages.

Adaptive Learning Architecture™: LMS's popularity with international corporations has been due to its unique architecture that allows rapid and easy modification to work with the differences in today's modern enterprises. JLMS incorporates experience with hundreds of thousands of users in different cultures and with different learning processes and priorities. This has resulted in system architecture with the flexibility and power to adapt to your needs, to adapt to your processes. This real customization ability becomes an asset for your enterprise, allowing rapid return on investment.

Enterprise Aware System: JLMS is enterprise aware. It contains advanced technologies for scalability and reliability. For the Technical Manager, it is designed to work on server farms and with distributed content servers. For the Team Managers, it is designed to provide them with the tools to ensure staffs are meeting their minimum learning requirements. For the Legal and Internal Audit Departments, it contains the reports that confirm compliance with statutory course requirements. For the HR Department, it has the ability to handle varying users with different needs. For the Learning Director, it contains the ability to gain accurate intelligence on the whole organization's learning habits. From top to bottom, JLMS is designed to work with your enterprise, the way you work.

General Features

SCORM 1.2 and AICC HACP Compliant, Deployable as a single instance or in "multi-site" mode providing multiple mini LMS's on one platform, Fully customisable by the client, Scalable platform for deployment on multiple servers

Learner Features

Catalogue Browsing, Personalised Learning Plan, Keyword and Advanced Searching, Training Reports, Forgot Password retrieval, Help, FAQ's and News pages, Personalisation options for time zone, date formats, list display orders and more

Administration Features

Interface Localisation, Site Configuration and Customisation, Manage Organisational Hierarchy, Manage Learners, Manage up to 18 different levels of Administrator types, Course Management, Class Management (when using JTEMS), Survey Management, Learning Resource Library Management, Learning Plan and Catalogue Rules, Comprehensive Suite of Reports, Data uploads

Product: JLMS Lite

Clients: Our core products being given to all clients after customisation for their need (EC Harris, Softbrands, Track Global)

JZero's JLMS Lite product is a cut down version of the full enterprise LMS. This contains most of the functionality of the full enterprise LMS, however the functions and facilities that would not be used by small to medium size business have been removed, providing the power and flexibility of the enterprise product at an affordable price. The solution also has the ability to upgrade to the full Enterprise product as your business grows.

Role: Module Leader

Challenges/Features:

This products covers following features of Enterprise version and other modules of enterprise version can be sold extra.

General Features

SCORM 1.2 and AICC HACP Compliant, Fully customisable by the client

Learner Features

Catalogue Browsing, Personalised Learning Plan, Keyword and Advanced Searching, Training Reports, Forgot Password retrieval, Help, FAQ's and News pages, Personalisation options for time zone, date formats, list display orders and more

Administration Features

Site Configuration and Customisation, Manage Organisational Hierarchy, Manage Learners, Course Management, Survey Management, Learning Resource Library Management, Learning Plan and Catalogue Rules, Comprehensive Suite of Reports, Data uploads

Product: JTEMS

Clients: This is the add-on module to the JLMS Enterprise given to clients like Standard Register University, Siemens, Orange, HP, eMED , eMED NL, MSD Academy, MSD Webcast

The JZero Training Events Management System is one of the most advanced available in the world for managing classes, seminars and conferences. Incorporated seamlessly with the JLMS, it provides a single-interface, results-oriented training system that will allow any blended learning methods to be achieved.

JLMS includes a comprehensive training events system that is fully integrated with eLearning, allowing scheduling and managing of classroom based training events for a blended solution. This allows integration of in-person events with eLearning for a complete learning solution. Together with the Resource Management system, you have all you learning Management Tasks in one place.

Role: Module Leader & Third Party Integration Expert

Challenges/Features:

- Training events categories includes Instructor Led Training, Seminars, Live Virtual Training, Recorded Web Cast Events
- Multiple venue types are allowed, such as Conference Hall, Learning Centre, and Meeting Rooms
- Both In-House and External training events can be scheduled
- Events can be categorised as part of the overall LMS Catalogue
- A complete request and approval process looks after the details of who can and cannot attend, plus Costs tracking, Pre and Post Event reading material, Attendance Management
- Email templates can be edited by Administrators for Joining Instructions, Approvals, Rejections, Wait Listed and Cancellations
- A Learning Calendar is available for students, and Instructors

Product: JLogin

Clients: This is the add-on module to the JLMS Enterprise given to many of our customers

The JLogin software provides for easy one click access to training using the concept of single sign-on. It allows users to simply click a link on the intranet to access their training plan or even courseware without having to login again.

Alternatively, JLogin can be configured to provide single click links to online courses on your intranet. One click from the users and they are logged into to the LMS, and the course starts immediately.

Role: Product Architect & Project Manager

Challenges/Features:

- Simple set up wizard
- Zero-Admin of user information
- Automatic assignment of courses
- Single click for user registration, course assignment, and course start
- Instant access to courseware via your Intranet pages
- Provides seamless authentication, avoiding users having to log into systems multiple times

Product: JLDAP

Clients: This is the add-on module to the JLMS Enterprise given to some of our customers

The JLDAP software allows data to freely flow between your enterprise user data systems and the LMS. This can allow automatic registration of users, synchronization of user data, and when combine with JLogin can reduce administration of users down to a trivial task.

The JLDAP product provides the tools needed to link up your enterprise data, no matter what the source.

Role: Product Architect & Project Manager

Challenges/Features:

JLDAP can provide automatic user data loads and updates from

- Microsoft Active Directory
- Novell Active Directory
- Sun One Directory System

Product: JLearn Ecommerce

Clients: This is the add-on module to the JLMS Enterprise given to client like Softbrands

JLearn is an ecommerce solution module that allows a company to charge for training, using various licensing models. Designed to work with JLMS, it can provide a multitude of commerce scenarios for your training company, or to market to your own employees.

The JLearn Ecommerce solution is designed for companies that wish offer up their online or Classroom based courses on their Course Catalogue for sale to individuals. Users can generally view the courses made available for sale on the course catalogue which is managed using the JLMS Course Catalogue. The users can purchase the courses online and have access to these within a matter of minutes after paying using their Credit or Debit cards.

The flexible design of this solution makes it easily adaptable to suit your specific eCommerce solutions, whether it is partial or fully eCommerce enabled.

Role: Product Architect & Project Manager

Challenges/Features:

- Multiple currencies supported
- Can be integrated to your own existing merchant payment system
- Order history for users
- Administration of orders and configuration
- Admin reports

Product: Reseller Lite*

Clients: Hosted Solution for SMEs who can not afford the cost of servers & solutions

After experience of supplying customised LMS Lite many WEBSVM client we have brought a licences of WEBSVM and deployed a hosted solution of LMS with backed of WEBSVM core content launching and tracking architecture for the SMEs who can not afford buying the LMS and WEBSVM combo. We hired many learning consultant to sell the content license to the SMEs and they became our resellers.

Role: Product Architect & Project Manager

Challenges/Features:

- Resellers may have their own page on our hosted site to market the product
- Integration to the reseller's website to load product demo.
- Resellers sell the content licenses to the SMEs and the website restricts the access to the contents up to the licenses given.

* We do not support this product any more

Product: Reseller Heavy*

Clients: Hosted Solution for SMEs who can not afford the cost of servers & solutions

Reseller heavy is an extension to the lite product having additional features to the basic products covering the localization of system in multiple languages, interface customization.

Role: Product Architect & Project Manager

Challenges/Features:

- Site can be localized in the regional language of the customer
- We provide customised solution to give look and feel to match with customer's website to make a feel like client.
- It retains all basic features of the Reseller Lite product
- It has some additional report for administrator
- It has an option of bulk user-content licenses or content licenses etc.

* JZero do not support this product any more

PROJECTS

None of the products in the words match the exact business model of every company and so ours. This lead to either customers define their learning requirement to match with our product capabilities which is more generic and having may customization features, or we develop a customized system for the customers with our product architecture as a core and with re-using our backend of the product. This has earned us many projects which are mainly wrapper to our product or customised learning solutions. Many of them were to alter our product's business model to match with company's required model. But following are some of the client which gave us real challenge.

Client: Merck

Project: MSD Webcast

Role: Project Manager & Third Party Integration Expert

Merck is the big manufacturer of the medicines in the world and launch its product very frequently. For every product they arrange marketing webcasts for doctors. For that either regional marketing team arrange a webcast and invites the countries to join in the webcast. This is an open webcast for all doctors for free. Our site is to provide following features,

- Regional marketing team can create webcast and invite local countries to join in
- While creating webcast the marketing team can choose various theme of interface
- Local countries can customise the interface for look and feel
- Local countries will have localised content of the website
- It is a single session being accessed by doctors from various countries of the same time
- Separate administration for local countries for customization of webcast and for participants' management.
- Existing members of univadis system can use their account to register in to the webcast and for that we have integrated the univadis authentication to the system.
- Scheduled mailing system for reminders etc is managed by the system.

For this project I have integrated the ON24 as online event management system.

Client: Merck UK

Project: eMED (e-Medical Education)

Role: Module Leader & Third Party Integration Expert

After experience of eCME implementation on univadis, Merck UK has decided to design their own separate learning system for UK based doctors. This system was designed as separate system having our core lms engine. This solution also covers the Training Events Management System (TEMS) for their need of online conferences, online meetings and virtual conferences.

For this client I had integrated ADOBE CONNECT for the need of online events. This covers the creating ADOBE meeting, registering users to ADOBE meeting and launching the ADOBE online sessions. All these get done through our system and there is no interface of ADOBE required despite form actual meeting session.

Also this website is integrated with Univadis authentication and Univadis manage their doctor's database and none of other parties should contain the data as per their data protection rule.

Client: Merck NL
Project: eMED (e-Medical Education) NL
Role: Module Leader

The eMED product done for UK was copied over for NL with additional customized business for Training Event Management System. NL has more complex TEMS system where events gets broadcasts from one location to multiple location through video conferences and all locations gets managed by different event management companies. So, it was to deal with multiple events management for single event including capacities of different location and different cancellation and registration mechanism.

Client: Orange
Project: Orange Learning
Role: Module Leader

Orange is our very old customer using our product from V1 to V4. Currently Orange has thought off to redesign their learning portal with all new features and user interface. For them we have implemented at all new user site keeping our backend same.

For this project I have handled different modules like Mentoring & Coaching and BTP Integration.

BTP Integration

Orange is also using online learning contents of BTP and my integration responsibility to import BTP contents catalogue to our site and when user launch the content user should get into BTP interface without additional authentication required.

Mentoring & Coaching

Orange is having its own mentoring and coaching scheme. Where any user can apply to become a mentor/coach and after admin's approval he need to go through an online eligibility test. On passing the test user becomes a mentor/coach. Similarly for users who wants mentoring service (mentee) or who wants coaching service (coachee) need to apply for the same. The application gets sent to registered Mentors or Coaches and they can accept the application and start the mentoring or coaching service. On closing of mentoring or coaching relationship a survey gets provided to user to rank the service and which will be used as accreditation points to the mentor or coach.

Client: Merck
Project: eCME (Continuing Medical Education)
Role: Module Leader & Third Party Integration Expert

Merck Incorporation has an online website (www.univadis.com) to gain exclusive access to the online medical community. It maintains local portals in 36 countries. This website was mainly having news and papers submitted by doctors or scientist of the world. We have got a project to add feature of eCME (Continuing Medical Education) by incorporating our LMS to the univadis portal. This was a big challenge for us as we need to be a part of the existing website where user should not feel that both are separate portal. And the most importantly both portals were in different technologies. The core univadis portal is being managed by CTS Company developed on Java Technologies with Sun-One directory structure to manage doctors (users) information. And our portal is on Microsoft Technology. For this client we built separate website keeping our existing backend engine with few enhancement to the engine required.

This website has implementation with 36 countries and all of them have different need as per their culture. So, we had to work with project managers of various countries to define our system accordingly. Ours is multi-language system to support various countries need.

As a Third Party Integration Expert of the company, this project was a major challenge to me, for which I had to work on following key are of the project.

Seamless Login

As I mentioned the core site were in JAVA technologies and our website is in the MS technologies and hence both were support to work seamless. User should not feel transition while they use the site. For this I had designed an intermediate Java Servlets to be deployed at Univadis servers which takes the responsibility of seamless flow. I had worked with Univadis team to define how they should call my servlet and which will get user to our site without asking any authentication and with a required login session of our site. This was key module of the site as this is the first time we worked on JAVA so it was to do from the scratch and it was a show stopper.

Sun One Data Retrieval

I had a background of working with Active Directory of MS and Novell for our JLDAP project, but here it was Sun One AD and was not in our control; as it was deployed on Univadis server with no direct access from outside of their network. eCME section was required to have few user details to be displayed on the website and for certificate generation and for mails relay. Those data should be real time. I had designed a Java Servlet based web service which had API to retrieve data from Sun One system and return to our LMS in encrypted form. I had to design Encryption Algorithm in JAVA and which should be same as Encryption Algorithm of our LMS for data. For this I had to setup test Sun One System & Java Server in our Network to do required implementation.

eMetrics by WebTrends

univadis had an implementation with WebTrends for their various reporting on user's behaviour like number visits, number access to the contents, and number of access to the content which dropped back after first access and all. And as our system is getting tightly integrated to existing univadis system we were to support all these reports. I had worked with WebTrends to define data posting to them to support their reports needs on various scenarios.

COGNOS Reporting

Merck had hired COGNOS for their many reporting needs as their reporting experts. For that we are suppose to export the required data to the COGNOS. I had dealt with COGNOS to define data required for their reports and to design data export mechanism.

FRANCE Course Import

Merck France has their own content development team which produce weekly learning contents and updates to their existing contents. All those new contents or changes are required to be updated at our content server. I had designed a mutually agreed system where France content developer place daily update summary file to the ftp and our utility read the file and do required content import to our system and replate to the clustered content servers of ours.

Meta Data & SEARCH Control

Merck had hired SQLi to manage Meta data catalogue of its all contents. For that we designed the data export system for SQLi to add our side content data into their data base. Also, these data was being queried by SEARCH Control designed by HCL to populate result to the univadis site. The result should also have a link to get into content page on our system with seamless flow using Deeplinking. For this whole integration I had designed data export for SQLi, Deeplinking feature to get user to our side content page from search result and the integration of SEARCH Control on our side pages. In this I had dealt with multiple vendors like SQLi, HCL, univadis along with client.

Interstitial Page

Merck has Creator Mail Company to manage their all mail campaigns to intimate doctors for new update or contents in the system. The mail contains a direct link to the content page. But this link does not login user to the system so user just access the open pages. To get into my account pages of the user, user needs to authenticate his credential files. For that concept of Interstitial page designed which load the authentication page of univadis in the popup and disable the access of the site till user gets authenticated. I have managed the integration of this page into our system with managing the challenge of cross domain communication through AJAX.

Client: Standard Register University
Project: Learning Portal for SRU
Role: Module Leader & Third Party Integration Expert

SRU was our major project helped our system to grow to become competent in the market. SRU had their own business need which was required many changes in our system and lots of enhancement specific to SRU. For this client we made our first Training Events Management System Module and which has become our JTEMS product after giving generic look.

In addition to the other custom development for SRU, as a third party application integration expert; I had handled the integration with Learn Linc online virtual class management system with LMS for SRU. SRU were a client of Learn Linc for their need of online conferences, online training and online meeting requirements. As a supplier of the total Learning Management System (LMS) through same control panel we had to merge the complete management of their online conferences, online training and meeting through our system. Employees should have a single interface for their all knowledge need and hence our system had allowed you to create online meeting or training session, to join in existing meeting with consideration of capacity, registration request, confirmation from host and many such flow. All of them were tightly integrated with Learn Linc.

Project: LMS for SMEs
Client: Liqwid Crystals

This is Indian company had contract with us to sell the course content with partnership. They invest in course contents and we provide LMS and online payment system for helping them to sell the courses.

Role: Project Manager & Technical Architect

Challenges/Features:

- Course catalogue with add to cart feature to buy a course
- Online Shopping Cart (it was a complete client side cart for quickest shopping experience)
- Order management system
- Online payment and immediate order processing
- Integration with ICICI Bank's Payment Gateway and later they have shifted to Paypal Payment Integrations.
- Bulk license buying by SMEs and license allocations to user per content they access.

Project: Learn Flow
Client: NETg

Working with customers of NETg has placed a remarkable place in NETg, which has earned us a biggest project NETg has outsourced to other company. The MS.NET was the new architecture in the market and there were very few companies with development capabilities in MS.NET. As per our commitment to keep our project competitive in market, we were working on defining new architecture of our product in .NET. And our presentation of product architecture capabilities in .NET had impressed NETg management to give us this Project.

Learn Flow was all about defining the learning path and schedule for the preparation of the certification for the IT industry. NETg had designed the courses with combinations of their contents or learning modules, online books, virtual labs etc. for many certifications in the IT field. The system was for the students who register for the course for certification and track its learning using unique interactive flash based animated learning plan.

Role: Product Architect & Project Manager

Challenges/Features:

- The complete code architecture were in .NET 1.1
- Interactive flash showing real time data (using flash remoting – a newly introduced flash architecture allow to talk with database and show real time data on flash instead of static animation) for Learning Plan, Mentoring, Contacts, Class Room and Knowledge Forum
- Interactive learning calendar style learning plan from first day to the date of exam. All learning items were with colour codes showing different status of the learning.

- Integration with CISCO virtual labs for CCNA certification learning including the booking of lab recourses and launching the CISCO interface from learning plan to get into the LAB.
- Integration with Safari online books including registering users to safari and giving him the access of required book from the bookshelf of the NETg account. The system were allowing the launching to topics directly as the course were designed to have only few topics to read form the book as a part of the course.
- Online booking of the exam with the certification body
- Flash based interactive Mentoring module to allow students to discuss with mentors for their learning doubts.
- Flash based interactive forum modules to allow students to make buddies doing the same certification and allow them to discuss with each other
- Interactive flash admin interface to schedule the learning of students from the date of registration to the date of exam. It was having customization to allow students to define start date of learning and the exam date and the admin module were creating the learning calendar accordingly.
- Interactive flash mentoring module to track student's learning and the interface was well enough to show the gaps on the schedule for students to allow mentor to push students or decide if the rescheduling the exam date is required for students etc.

Project: ICS Leaning System
Client: ICS UK

For ICS we built up online course content selling system for end user to search for their learning need and buy a course online.

Role: Project Manager & Technical Architect & Programmer

Challenges/Features:

- Course catalogue with add to cart feature to buy a course
- Online Shopping Cart (it was a complete client side cart for quickest shopping experience)
- Order management system
- Online payment and immediate order processing
- Integration with ROYNET (a payment gateway by Royal Bank of Scotland) for credit card transactions for online payment.
- Training Need Analysis (TNA) system for end user to define which course is best for him. In this we had support of an online test and expert mentors have defined the catalogue as per the score user gets in the test. This will help end user to by right course for him.

Project: TVU Cyber Café
Client: Thames Valley University - London

It was our first project we did for Thames Valley University. It was the time where university had limited computer lab resources and given access to students on credit base. The software was to control the lab access as per the credit (time) given to student. It was involving the security aspects where students should not able to access with out the credit.

Role: Project Manager & Technical Architect & Programmer

Challenges/Features:

- Restriction on whole system access without the credit limit
- Timer control to make sure student will not access single minute more than credit given
- Restriction on application level access to stop student running unwanted application on the system instead of browser
- Web based authentication and logging using browser control on window application.

MULTIPLE VENDORS MANAGEMENT EXPERIENCE

As I have mentioned in most of the products and projects above, I am handling all integration of every third party (other vendors) systems for our client and for our product. This role of mine has given me plenty of experience to communicating with vendors across the world and also got chance to analyse their business and communicating how that can fit with our system.

Following are list of vendor systems I have done integrations so far.

Category: Online Payment Integrations

1. Vendor System: Roynet from Royal Bank of Scotland
Project: ICS Learning System
Client: ICS UK
2. Vendor System: ICICI Bank Online Payment Gateway
Project: Learning Portal for SMEs
Client: Liqwid Systems
3. Vendor System: Paypal Online Payment Gateway
Project: SME LMS
Client: Softbrands

Category: Web conferences, Virtual Classroom and Web Meetings

1. Vendor System: Learn Linc
Project: Learning Management System for SRU
Client: Standard Registered University
2. Vendor System: WEBEX
Product: As a ready to use add-on to LMS
3. Vendor System: ADOBE Connect
Project: eMED
Client: Merck UK
4. Vendor System: ON24
Project: MSD Webcast
Client: Merck

Category: Virtual Labs

1. Vendor System: CISCO Labs
Project: Learnflow
Client: NETg

Category: Web tracking system

1. Vendor System: eMetrics by Webtrends
Project: eCME, eMED, Webcast
Client: Merck

Category: Learning Content Integration

1. Vendor System: Safari Books
Project: Leanflow
Client: NETg
2. Vendor System: BTP Learning Modules
Project: Orange Learning Portal
Client: Orange