

Mohamed Roshan Mohamed Ruzaik

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My career objective

My aim is to emerge as a highly skilled IT professional with a challenging career by observing latest technologies, achieving well set goals and performing consistently in all situations both as an individual and a team player.

Technical skill set

Programming languages

JAVA 2, VB 6, C++

Web scripting languages

PHP 5, ASP, Javascript

Javascript frameworks

DHTMLX, JQuery, Angular JS

PHP frameworks

CodeIgnitor, Cake PHP

CMS experiences

Joomla, Drupal, Wordpress

Databases

MS SQL, MySQL, Access, SQLite

XML/ XPath processing

JSON

CSS

SVN / GIT

Achievements as a developer

1. Forms object CI library

Forms object is a reusable CodeIgnitor library class which enables other developers to create HTML forms without writing HTML codes. Main objective of this component is to standardize the look and feel of forms through out all applications built for the company and reducing time spent on writing same HTML codes over and over again.

As a recognition, company management made this CI library to be used in all applications by default.

2. DHTMLX pagination object to support manual pagination

DHTMLX (<http://dhtmlx.com>) is a Javascript UI framework from that we use DHTMLX Grid component extensively.

This grid component has its own built in pagination. Which is fine to use with normal applications.

But we had some large data sets which makes unacceptable delays when using with default grid pagination.

I was appointed to investigate and find a solution for this issue. As a result I came up with this manual pagination object which is purely coded in Javascript.

This object has also been recognized by the management and made available for all other company applications to be included.

3. Found a standard way of combining both DHTMLX (JS library) and CodeIgnitor for application development.

Until 2013 Ekwa was developing applications without using any PHP or JS frameworks. After other developers suggestions and thoughts CodeIgnitor was selected as company's default PHP framework and DHTMLX library was selected as default Javascript library.

None of the developers at that time had any clue how to combine both in one application for better usability and standard way. At this point I was given a project to develop and was appointed to find a better implementation mechanism to combine both in one app.

After some R&D I was able to incorporate both DHTMLX and CI in one application in a better way and created some reusable code segments which is still in use by other developers.

I still consider this as one of my great achievement and management is also recognizing this as a good way of combining both frameworks and still uses as it is.

Projects

- **HRM system migration (Under development)**
Description: Ekwa has an old HRM system whis was developed using PHPMyEdit framework. Ekwa now uses its own Codelgnitor custome framework whis is blended with DHTMLX JS framework. Managment needed to upgrade old HRM into new Framework I've been awarded this system to convert from old to new.
- **Application Integration Registrar (AIR)**
Description: This system is to be implemented to governs Ekwa internal applications linkages between internal applications. This system will act as a validator of application communications between two apps. This system is implemented to safeguard internal applications API feeds and communications with trusted apps.
- **Client Month End Report System (Work)**
Description: This application was developed to semi automate the process of producing monthly SEO reports for 200+ medical clients . Main functions were integrate Google webmaster/Analgesics API to fetch client website data, website link information fetching, monthly hours spent for the client website improvement and manual data entry for all clients.
- **Progress bar Application (Task progress tracking application)(Work)**
Description: This application was developed to track staff tasks, progresses of operations for the clients on daily basis . This application enables users to track client's scheduled works on time and effectively. It allows management to define new work templates(milestone based) for all client and drive staff members to work on client lists based on template milestones.
- **Website Lead Management Application (Work)**
Description: This application works with external web site's contact form. Once integrated with an external website, its main functionality is enabling website visitor to communicate with doctor as a chat software. It gives website owner to save impotent information about the visitor and categorize them based on the nature of inquiry.
- **Website Image Auditing Application (Work)**
Description: Our company needed to keep a track record of images added to developed website projects. Therefor this application was developed. Main functionality of this app is once website URLs are given this system logs in to the server and then access its all image details physically cross check with recorded image database and allow user to investigate on them. This project was done after R&D
- **A Commercial website design for a hotel in Sri Lanka (Freelance)**
Description: This website was designed and developed for a hotel owner who wanted to promote his business in Internet. Tools used for this project are, Photoshop, HTML, CSS, JQuery
Web URL: <http://www.ran-hewana.com> (Contract expired)

- **A Commercial website design for a Ayurvedic medical doctor in Sri Lanka (2010)(Freelance)**
Description: This website was designed and developed for a Ayurvedic doctor who wanted to establish his presence in Internet. Tools used for this project are, Photoshop, HTML, CSS
Web URL: <http://www.hereditary-ayurveda.com/> (Contract expired)
- **Inventory Control System for a Computer Shop using VB6 (Freelance)**
Description: Developed a cost effective inventory control system for a computer showroom on freelancer basis.
Aiming to provide easy product updates and provide efficient database system to give accurate results.
- **Video CD renting solution for a video CD shop using VB6 (Freelance)**
Description: Developed a solution to manage movie inventory, to track customers and as well as transactions. This software is capable of producing reports based on given details.
- **Online Book Shop using ASP and MS Access (Academic)**
Description: Developed an online e-commerce website for a book store. Aiming to provide customers to browse, search, get detailed description with shopping cart in order to purchase books online.

Work experiences

- Currently I'm working as a working from home PHP web developer at EkwaLab (Pvt) Ltd (www.ekwa.com) since 2010.
- I have worked as a Food Production Operative in a Food Production Factory during my studies in UK.
- I have working experience as a Marketing executive in Sri Lanka before I left Sri Lanka for higher studies.

Knowledge and understanding

- I have an excellent knowledge on **OOP** Concepts Using UML
- I have good problem solving skills
- I have a clear understanding of project life cycles.
- I have experiences on multi user Operating systems such as **Red Hat LINUX 6, Ubuntu,** and **Win NT 4.**

- Good understanding of networking Concepts.
- Good skills on software project management using **MS Project**
- I am good in working under pressure
- Excellent communication skills in English, Tamil and Sinhalese.

Professional and education qulifications

2003 - 2003 - Diploma in Computer Hardware Engineering at Turnkey Institute, Moratuwa.

2002 - 2004 - DNIIT Diploma in Information Technology (HND equivalent) at NIIT Institute, Sri Lanka.

1999 - 2000 - GCE (A/L) Bio Science streme at Sevali MMV, Hidallana, Ratnapura.

1988 - 1997 - GCE (O/L) at Sevali MMV, Hidallana, Ratnapura.

Personal details

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