

Karthikeyan S

Tech Lead

PROFESSIONAL PROFILE

- **7 + Years of experience** in all aspects of Design and Development of Windows based, KIOSK Machine, Mobile Based, Web Based Applications, APP (Objective C), CMS and Web Service.
- Three times Onsite visit to Client place in USA for support, implementation and getting requirements for new development.
- Working on Telecommunication Domain, Retail Domain Point of Sales machine, working with hardware devices, integrating with Financial Software like Quick Book, Raiser's Edge, etc
- Expertise in Design, developing and implementation of real time applications and automation projects.
- Leading the team effectively and involving in non-technical activities for the growth of company.
- Good Experience in working with **WCF,MVC, ASP.NET, C#.Net, MS SQL 2008, Crystal Reports, Active Reports, CF, VB andVB.Net**. Hands on Objective C.

EXPERIENCE SUMMARY

- 6 Years of Experience in .Net Framework 2.0, 3.5 and 4.0
- 5 years of experience in ASP.Net 2.0, 3.5 and 4.0
- 6 Years of experience in C# & Javascript
- 1 Year experience in VB & VB.Net
- 1 year experience in MVC architecture
- 2 years of experience in WCF, LINQ
- 2 Years experience in FCK Editor & Dot Net Nuke

TECHNICAL EXPERTISE

- **Technical Architecture** : **MVC Architecture**, N-tier Architecture, .Net Compact Framework
- **Languages** : ASP.net, C#, VB, Java Script, HTML, XML, Ajax, LINQ
- **DBMS** : MS SQL Server 2008, MS SQL Server 2005, MS-Access
- **Third Party Tools** : VSS, Crystal Report, NUnit, FCK Editor
- **Operating System** : Windows 9.x, Vista and Mac OS.
- **Design Pattern** : Factory Pattern

QUALIFICATIONS

Park Engineering College - Coimbatore	Bachelor of Engineering
Accord Tech	.Net

CAREER HISTORY

- Working as a **Tech Lead** in Colan Infotech Pvt. Ltd, Coimbatore (**From Oct 2012 to Till Now**)
- Worked as a **Project Lead** in KMIT Solutions Pvt. Ltd, Coimbatore (**From Jan 2008 to Sep 2012**)
- Worked as a **Software Engineer** in ANGLER Technologies Pvt. Ltd, Coimbatore (**From Dec 2006 to Dec 2007**)
- Worked as a **Programmer** in Global Software Solutions, Coimbatore (**from Dec 2005 to Nov 2006**).

FEW ASSIGNMENTS SUMMARY

1) Battery Corp:

Duration : Aug 2012 to Till Date

Client : US Battery Corporation

Role : Module Leader, Team member – Developer, Offshore Support

Environment : MVC, ASP.Net 4.0, C#, MS-SQL, Active Reports

Description : It is a US Project used to handle Batteries use for Cellular Tower Maintenance. This project developed by advanced technologies like MVC3, LINQ, Entity Framework. Main Objective of this project is reports. Battery Corp handles many country project and they need a global maintenance.

Responsibilities:

- ❖ Involved in coding of Report based Queries.
- ❖ Designing of Active reports
- ❖ Designing report UI with MVC architecture.
- ❖ Involved in overall database for create tables, stored procedures and functions.
- ❖ Onsite and Offshore support for client requirements

2) Point of Sales:

Duration :Jan 2010 to Oct 2012

Client : Akron zoo, USA; Dinosaur Park, UK; John ball Zoo USA

Role : Module Leader, Team member – Developer, Offshore Support

Environment : C#, SQL Server, Web Service

Description :Point-of-Sales is Windows based Application Developed for the Sales Billing and Inventory Monitoring Tool in the Zoo and Museum.Project deals with Performs multi-lingual and multi-currency transactions, Allows built-in discounts, promotions, and special pricing and Manages inventory in real time. Project Integrates with Retail Inventory Management, Admissions & Ticket Management and Event and Resource Management. Three different modules have been built for POS machine REGULAR All in One Touch Screen POS and Mobile Handheld M2POS

Responsibilities:

- ❖ Involved in coding of Group Sales Module, Membership and General Sales Module. And integration of financial products Quick Book and Raiser's Edge.
- ❖ Implementation of the Business Logic. Hardware Integration of Receipt Printer, Member Card Printer, Turnstile and PCI Compliance Credit Card Process.
- ❖ Involved in overall database for create tables, stored procedures and functions.
- ❖ Onsite and Offshore support for client requirements

3) Ecommerce:

Duration :Mar2011 to Oct 2012

Client : Erie zoo, USA; Dinosaur Park, UK; Memphis Zoo USA; PArc Management USA

Role : Module Leader, Team member – Developer, Offshore Support

Environment : ASP.Net with C#, SQL Server,Java Script, Ajax, Web Service

Description :Ecommerce is Web based Application Developed for Online Sales of Time Based Tickets, Membership, Retail Items and Private or Public Events. Allows built-in discounts, promotions, and special pricing and Manages inventory in real time. Project Integrates with Retail Inventory Management, Admissions & Ticket Management and Event and Resource Management. Utilize Inventory Management and Events & Resource Management to keep track of your web transactions. Application connects to HTTP SSL and XML technologies, secured transactions. Web Content through FCK Editor.

Responsibilities:

- ❖ Involved in coding of Ticketing and Membership Module
- ❖ Involved in overall database for create tables, stored procedures and functions.
- ❖ Onsite and Offshore support for client requirements

4) Service Tech:

Duration :Oct2012 to Till Now

Client : Service Tracking Systems, USA

Role : Module Leader, Team member – Developer

Environment : C#, SQL Server, WCF, LINQ

Description :Service Tech is an information management system for technical support team. It will have various information categories that the system will provide as a simple tracking and recall process for. This helps for the customer service representatives who take the initial calls and will add them to the support ticket queue. The site will also provide access to many of the admin functions and reporting as well as track the various service plans that clients will have subscribed to. Web Services are built using WCF with JSON format.

Responsibilities:

- ❖ Involved in Database Design and Technology analysis
- ❖ Involved in coding of WCF Services with REST JSON format body.
- ❖ Built the Unit Test for consuming services
- ❖ Publishing the WCF services through Git Hub[Version Control]

5) KIOSK Admission Sales:

Duration :Apr2011 to Dec 2012

Client : Akron zoo, USA; Dinosaur Park, UK; John ball Zoo USA

Role : Module Leader, Team member – Developer, Offshore Support

Environment : C#, SQL Server, Web Service

Description : KIOSK machine is built to sell admission ticket and membership by the customers themselves. Membership Integrated with License swipe, reading all the values from MSR reader or

Scanner and populating the values in corresponding fields, which made the simpler process to purchase membership. Allows built-in discounts, promotions, and special pricing and Manages attendance in real time. Project Integrates with receipt printer, ticket printer, card printer and PCI compliance credit card processing integrated. Integrated with turnstile, which is automated for ticket scanning allowing customers to enter the zoo.

Responsibilities:

- ❖ Involved in coding of Membership and Ticketing.
- ❖ Implementation of the Business Logic. Hardware Integration of Receipt Printer, Member Card Printer, Turnstile and PCI Compliance Credit Card Process.
- ❖ Onsite and Offshore support for client requirements
- ❖ Implementation of KIOSK machine

6) Event and Resource Module

Duration :Jan 2008 to Dec 2008

Client : Akron zoo, USA; Dinosaur Park, UK

Role : Team member – Developer, Offshore Support

Environment : ASP.NET with C#, SQL Server, Java Script, Ajax, Nunitand Crystal report

Description : In zoo and Museums where lot of event were to Manage multiple Event Types (Free and Paid Admissions, Event Registration, etc...) like Birthday Parties, Corporate Events, Educational Programs and/or Classes, Animal Feeding Programs. Project deals with the On-line registration, calendar of events for reservation Program, Event Management Schedule and assign resources (rental carts, baby strollers, walkers...), Support mass and on-line communications with email reminders, advertising and donations.Apart from Multiple event having, Customized Forms for automating different activities Facilitate and automate group registrations.

Responsibilities

- ❖ Involved in coding of overall application.
- ❖ Involved in overall database for create tables, stored procedures, triggers and functions.
- ❖ Involved in requirement analysis documentation, time estimation and design phase.

7) Admission and Ticketing

Duration :Jan 2008 to Jun 2008

Client : Akron zoo, USA; Dinosaur Park, UK

Role : Team member – Developer, Offshore Support

Environment : ASP.NET with C#, SQL Server, Java Script, Ajax, Nunitand Crystal report

Description : Admission and ticketing is fast, reliable, yet flexible ticketing system that can result in shorter lines and improved service for your visitors. Multiple Ticketing options are available such as paper, magnetic strip, bar-coding, proximity cards, and on-line ticket printing. The Project deals with multi-payment and multi-currency types, Supports reusable tickets and gift cards, Provides for an interface with existing ticket types and Tracks demographic data – know your customers and their purchasing preferences. Project incorporates along for built-in discounts, promotions, and special pricing.

Responsibilities:

- ❖ Involved in coding of overall application.
- ❖ Involved in overall database for create tables, stored procedures, triggers and functions.

8) Retail Gift Shop & Inventory Management

Duration :Jan 2007 to Dec 2007

Client : Akron zoo, USA; Dinosaur Park, UK; JohnBall Zoo, USA

Role : Team member – Developer, Offshore Support

Environment : ASP.NET with C#, SQL Server, Java Script, Ajax, Nunitand Crystal report
Description : Retail Gift Shop and Inventory System is web Based Application for providing the Retail Master data and Inventory Monitoring Option based on the user roles. Project Deals with providing the item detail and tracking the real time item detail in the Inventory. Purchase order, Purchase Receipt based on the Item Reorder point, Replenishment.Project Incorporate 'Open to Buy' Option, help to budgeting the item details comparing with the Last year Budget.

Responsibilities:

- ❖ Involved in coding of overall application and Manual Testing.
- ❖ Involved in overall database for create tables, stored procedures, triggers and functions.

9) Time and Attendance:

Role : Project Coordinator and Programmer.

Description : Time and Attendance web based application is used to automate the management, collection and distribution of employee hours in REAL TIME. Time Check robust, flexible pay rules allowing management to enforce complex work and pay rules, increasing accuracy of data throughout their organization. By and large, Time Check forms the basic input to the payroll package. The front was developed using **C#.Net and MS SQL 2005** as Back End.

10) Filemaker Pro Database:

Role : Design, Programming & Coordinator for Offshore Development Team

Description : FileMaker Pro is a cross-platform database application from FileMaker Inc known for its combination of power and ease of use. It is also noted for the integration of the database engine with its GUI-based interface, which allows users to modify the database by dragging new elements into the layouts/screens/forms that provide the user interface. This results in a "quasi-object" development environment of a kind that is still largely unique in the "industrial strength" database world. FileMaker has compatible versions for both the Apple Mac OS and Microsoft Windows OS, and can be networked simultaneously to a mixed Windows and Mac OS user base. FileMaker is also scalable, being offered in desktop, server, web-delivery and mobile configurations. List of Applications Developed in Filemaker Pro Database:

- Supply Chain System
- Work Ticket System
- Sales Maintenance System of a Manufacturing company
- Filemaker Resource Management