**Vibha Kasturi Garg +91-9872616968**

**vibhakasturi@gmail.com**

**Profile**

* IT professional, eager to work in challenging environment to put my innovative skills to good use
* 3 years 7 months of experience in Windows/Web applications development
* Working as Programmer Analyst with Drish InfoTech, Chandigarh from November 2013 till present
* Earlier worked with Rapiscan Systems, Hyderabad from March 2011 to Oct 2013

**Work Experience**

**November 2013–present**

**Drish InfoTech Ltd, Chandigarh**

**Projects Undertaken:**

**Fuel Mobile**

On-going project, Development and maintenance of the fuel mobile application. The application manages the customer’s bills through reports.

**Role**

Managing User Interface and database design, implementing the changes as required by client

**Timesheet Web service**

**Situation**

The existing Timesheet application is used as web application. The client (Drish InfoTech) wants to access some of the features of timesheet through mobile applications as well

**Solution**

Creating a Web service (RESTful WCF services) that can be accessed through any platform, be it web browser or mobile application (both android and iPhone)

**Impact**

Ease of access to the timesheet application, through mobile applications

**Open up**

**Situation**

Client require to change the architecture of an existing web application that is being used by credit unions to manage their accounts

**Solution**

Implementing MVC architecture

**Impact**

Separation of concern, Code Optimization

**March2011–October 2013 (2 years 7 months)**

**Rapiscan Systems Inc., Hyderabad**

**Projects Undertaken:**

**Software localization**

**Situation**

Client require a library to display user interface in multiple languages

**Solution**

* Designing a user interface to support multiple language selection, Incorporated with existing software user interface
* Development of class library using C#
* Testing and validating UI to show appropriate information for selected language

**Impact**

No coding overhead to change language strings manually

**Database Optimization**

**Situation**

Data retrieval from database taking more time impacting the performance of software product

**Solution**

* Analyzing queries and adding appropriate indexes to tables
* Updating the database structure to simplify data retrieval from database tables
* Removal of joining different tables and creating individual table as per requirement

**Impact**

* Improved software performance to support huge database (size in TB),
* Reduced time to display data at user interface and exporting reports

**Real-time Status Monitor**

**Situation**

Client wants to view status of X-Ray Machines and Servers at configurable interval of time

**Solution**

* Designing a separate application to display information of all machines over the network,
* Creating and maintaining a database to store real-time data,
* Graphical display of past data at user interface,
* Analyzing the module using code Analysis tool klockworks,
* Followed Agile Methodology throughout the project life cycle

**Impact:**

* Review of multiple stations information from single application,
* Reduced overhead to connect to individual machine to view real-time data

**Education**

* Master of Engineering in Information Technology from Panjab University, Chandigarh (2009-2011)
* B.Tech in Information Technology from Chandigarh Engineering College, Mohali (2005-2009)

Technical Skills

**Programming Language:**

C#, ASP .net, C# .net(3.5/4.0),

C++, MVC 4.0, Win Forms

**Platforms:**

Microsoft Windows XP, Windows 7, Windows 8

Thorough understanding of Microsoft Azure Cloud Computing platform

**Database Server:**

Microsoft SQL Server 2005/2008/2012

**Markup Language:**

HTML 4.0, XML

**Web development Techniques:**

AJAX, jQuery

**Web APIs:**

Web services, WCF REST

**Code Management Tools:**

Surround SCM, Tortoise SVN

**Research**

Completed research work on IP telephony soft switch (FreeSwitch) to study the call routing process over the network and performance evaluation of FreeSwitch using Session Initiation Protocol (SIP)

**Personal Interest**

Playing Drums