



Personal Profile

Software Engineer

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Nationality: Pakistani
Marital Status: Single

Technical Skills

Programming

Microsoft Visual Basic .NET, C#. Net, Microsoft ASP.Net, Microsoft Visual Basic 6.0

Operating Systems

Microsoft Windows XP Professional, Microsoft Windows 2000, Microsoft Windows 98

Databases

Microsoft SQL SERVER 2000/2005, Microsoft Access

Methodologies

Object Oriented Modeling, Structured Design

Education

Bachelors of Computer Sciences (BCS (Hons)) → 4 Years Degree
Equivalent to MCS
From N.W.F.P Agricultural University Peshawar (Session: 2000-2004)
CGPA=3.23/4.00

Professional Training

Microsoft Certified Professional (MCP) and has passed the following exams of Microsoft Certified Solution Developer (MCS.D.Net) Certification:



Exam Number	Exam Description	Marks Obtained	Total Marks	Date of the Exam
70-306	Developing And Implementing Windows Based Applications With Microsoft Visual Basic.Net and Microsoft Visual Studio.Net	875	1000	May 02, 2005
70-305	Developing And Implementing Web Based Applications With Microsoft Visual Basic.Net and Microsoft Visual Studio.Net	829	1000	Sep 30,2005
70-229	Designing And Implementing Databases using Microsoft Sql Server 2000 Enterprise Edition	908	1000	March 2,2007

Current Job

Currently working as a Software Engineer in the Ministry of Information Technology Government of Pakistan in Islamabad.

Experience

March 2007 to date Software Engineer/Programmer Ministry of I.T Islamabad

Ministry of Information Technology Islamabad

The Ministry of Information Technology is the national focal Ministry and enabling arm of the Government of Pakistan for planning coordinating and directing efforts to initiate and launch Information Technology and Telecommunications programs and projects aimed at economic development of the country. It consists of one division; Information Technology and Telecommunications Division.

Assignments

Typing Test Application

This project was like the Typing Tutor for the Government employees who take typing test for the post of the Data Entry. The difference between the Typing Tutor and this application is that whole employees' data is centralized on a single server in an XML file whereas in the typing tutor every employee had to save the data on the same system where he was taking test. So there would be no data centralization.

Role

Usman's role in this Project was the coding of the system

Technical Architecture

Microsoft Visual Basic 2005, XML, Crystal Reports



National Internship Program

In order to better equip our nation's graduates for their future career the Government of Pakistan has introduced a revolutionary National Internship Program where fresh unemployed graduates from all over the country will get one year hands-on experience with government organizations nationwide and emerge as an even better human resource for the country's booming economy.

All applications received either on-line or by post have been sent to HEC for verification of degree, Roll Number, Registration Number, Name of University and year of passing. HEC is carrying out the verification in close coordination with all recognized Universities and degree awarding institutions.

Role

Usman's role in this Project was Analyzing Requirements, Database Designing and coding of the system.

Technical Architecture

Microsoft Visual Basic 2005, Microsoft Asp.Net 2005, Crystal Reports, Sql Server 2000

Website address: <http://www.nip.gov.pk>

Property Tax Calculation System for CDA Islamabad

Capital Development Authority (CDA), is a [public_benefit_corporation](#) responsible for providing [municipal services](#) in the [Islamabad](#) city (Capital city of [Pakistan](#)), established on [June 14, 1960](#), first by an executive order issued on [June 24, 1960](#) entitled the Pakistan Capital Regulation, to be superseded by the CDA ordinance issued on [June 27, 1960](#).

The owner of the property (e.g. House) pays tax annually. CDA had a problem calculating property taxes and also checking that how much a particular owner has paid tax and how much he has surcharge etc which was very time consuming for the calculation.

The proposed application is useful for the tax calculation of the property.

Role

Usman's role in this Project was Analyzing Requirements and coding of the system.

Technical Architecture

Microsoft Visual Basic 2005, Xml File and Crystal Reports

Attendance Management System

This project was for recording the employees' attendance using Biometric Thumb Impression device. First their data is added including their thumb impression and then their record their attendance using that thumb impression.

Role

Usman's role in this Project was the coding of the system as well as database designing.

Technical Architecture

Microsoft Visual Basic 2005, Sql server 2005, Thumb Impression Device and Crystal Reports



Online Testing Application

As some departments of Ministry of I.T also conduct I.T trainings for the Government Employees and for that purpose they also conduct tests manually after the course completion. If they satisfy the passing marks criteria, they are awarded certificates. The proposed System registers the candidates and the candidates are assigned roll numbers and passwords to take the test and administrator can generate reports.

Role

Usman's role in this Project was the coding of the system as well as database designing.

Technical Architecture

Microsoft Asp.Net 2005, Microsoft Visual Basic 2005, Sql server 2005 and Crystal Reports

Experience

April 2005-March 2007 Software Developer Amson Vaccines & Pharma

AMSON VACCINES & PHARMA (PVT) LTD Rawalpindi

AMSON VACCINES & PHARMA (PVT) LTD has been recognized as one of the most reputed pharmaceutical / vaccines manufacturer of Pakistan, specializing in human vaccines.

It is located in the city of Rawalpindi Pakistan. This company has almost 300 employees

Usman was employed to work within the I.T Department as a Software Developer.

Assignments

Field Force Automation System for the Marketing Department.

The proposed system was the automation for the marketing employees who work on the field and do marketing for the products of the company and they report back to their Senior Sales Managers through Courier on the daily basis. Every marketing employee has his own territory and Zone and he travels from one city to another in his zone for marketing the products. At the end of month he claims his expenses. This all process has been automated.

Role

Usman's role in this Project was the Analysis, Designing and coding of the system

Technical Architecture

Microsoft Visual Basic .NET, Microsoft SQL SERVER 2000, Crystal Reports, Microsoft Asp.Net and JavaScript.



E-HRM for the HR-Department

This purpose of this project was to maintain the data of each every Employee of the company. For example Employee's Bio Data, his status and daily attendance etc.

Every employee manually marks his attendance on the reception when he enters the company. That manual attendance is then entered in the system against that employee.

And when the director of the company asks for the weekly attendance the proposed system generates reports of attendance Employee wise, Department wise and from one date to another date.

Role

Usman's role in this Project was the Analysis, Designing and coding of the system

Technical Architecture

Microsoft Visual Basic .NET, Microsoft SQL SERVER 2000, Crystal Reports, .Net, Microsoft Visio 2002, Microsoft Windows XP Professional

Vaccination Verification Software for Saudi Embassy

There are two phases for this Project.

(i): Windows Application

(ii): Web Based Application.

Windows Based Application includes Data Entry module for the Applicant going for Umra or Hajj and a Bar coded Report is generated for that Applicant.

Web Based Module is for Embassy, which uses Bar code reader to read the Data from the Report, generated and he's verified via web.

Role

Usman's role in this Project was the coding of the system

Technical Architecture

Microsoft C# .NET, Microsoft SQL SERVER 2000, Crystal Reports, Microsoft Asp.Net.

Feedback System for the web site of the company

This was a small project for the existing web site of the company.

Simply to generate the Email to feedback the company.

Role

Usman's role in this Project was the coding of the system

Technical Architecture

Microsoft C#. Net, Microsoft Asp.Net, System.web.mail



Invoicing System for Media Department

This Project was supposed to handle the invoices of the media department of the company. The media department is responsible for the printing of the covers of the products. And they purchase the material for the printing press and record them manually.

Role

Usman's role in this Project was the coding of the system

Technical Architecture

Microsoft Visual Basic 2005, Microsoft SQL SERVER 2000, and Crystal Reports.

Experience

Sep 2004-March 2005 Internee Khyber Teaching Hospital, Peshawar

Khyber Teaching Hospital Peshawar

Khyber Teaching Hospital is a university hospital of Khyber Medical College in the city of Peshawar, Pakistan. KTH is one of the largest hospitals in the country. It is a tertiary health care facility serving a large population of the NWFP province. The more than 500-bedded hospital has most of the major and minor medical and surgical departments.

Assignments

Development of a Library Information System

The proposed system was to create the members of the Library and keep the records of the books set according to the setting of the books in the shelves of the library. Also which member issued which book and also the status of the books?

Role

Usman's role in this Project was the Analysis, Designing and coding of the system

Technical Architecture

Microsoft Visual Basic .NET, Microsoft SQL SERVER 2000, Crystal Reports, .Net, Microsoft Visio 2002, Microsoft Windows XP Professional

Patients Record System

This was the system for the patients who get admitted in the hospital. For example when a patient gets admitted which doctor will be treating him, which room or ward and bed number will be allotted to him, what will be his Admission and Discharge date and all the data related to that patient will be maintained.

Role

Usman's role in this Project was the coding of the system

Technical Architecture

Microsoft Visual Basic .NET, Microsoft SQL SERVER 2000, Crystal Reports, .Net, Microsoft Visio 2002, Microsoft Windows XP Professional

Private Projects

1): A simple web sign-in using MS Access/ASP.NET?

It needs to display:

* Sign-in | Forget password | Register OR

* Welcome <USER> | Sign-out

And it has

* Email activation (after registration)

* Forget password sends reminder email of password

* Uses cookies so that log-in is automatic if not logged out previously (like many websites)

Website address: <http://amfg.m6.net/wz7/SimpleSignin/Default.aspx>

2): Prototype of a discussion system

The system is based around discussion. A user logs in (functionality already implemented) and is presented with a view that displays the discussion they have created and those they have been invited too.

Users can create new discussions (adds a record to tblDiscussions) and invite users to join in (functionality not needed, will complete manually in the tblDiscAccess). Only users that have access (a record in the tblDiscAccess table) can see the discussion, obviously the created gets given access at the time of setting up the discussion.

Once a discussion is active it appears on the main page. From there the user can enter the discussion in individual mode. This mode only allows the user to see the objective of the discussion and their comments not those of others. If the user is getting stuck for ideas they can request a tag or a title of one of the other users comments (if none available text should say none available). The user can add their own comments to the discussion on this page (populating the tblComments table with a record).

When the user is done they progress to the group mode where they can add further comments or comment on other people's comments (adds a record to the tblComments table and also populates the comParentID field with the comID of the previous persons comments).

The detail and ability to comment on a comment are available in another page, accessible by clicking on the comment. Here are the functionality that need linking up, again the pages are already written:

-Add/edit discussion topic

-View all discussions that user has been invited too

- View all discussions user created
- View users comments in a discussion
- Add users comments to a discussion
- Fetch tag from other users comments
- Fetch title from other users comments
- View all users comments on a discussion
- Add comment to comments (just one level).

Users can add discussions

Users can add comments to discussion

Users can add comments to comments (one level only, i.e. user cannot add comments to comment of comments)

Users can only access discussions they are invited too (manually set in DB for prototype)

Users can edit discussions

Users can view their own comments

Users can view other peoples comments

Users can view their own discussions

Users can view discussions that have been invited too

Technical Architecture

ASP.NET 2.0 in Visual Basic.NET 2005, SQL Server 2005 Express Edition and HTML

3): A Windows based application for a “Car Auction dealership”.

Background:

Your Company has been contracted to build a Car Auction system that manages Auctions of Cars for a dealership. The system has four main parts.

- 1) a Security system that allows appropriate users limited access to the system.
- 2) a System that allows employees of the car dealership to create a car auction
- 3) a System that allows employees of the car dealership to manage auctions
- 4) a reporting system that allows several reports to be run.

Technical Architecture

Microsoft Visual Basic.NET 2005, Microsoft Access and Crystal Reports.



4): A Membership Payment Gateway Application

Technical Architecture

Developed in Vb.Net, Asp.Net using Sql Server 2005,Paypal
URL:<http://www.bondsize.com/membership/default.aspx>

5-A Nursing/Patient Management System

Technical Architecture

Developed in Vb.Net, Asp.Net using Microsoft Access
URL:<http://online.pflegeplanung-software.de/Default.aspx>

6-A Simple Order page

Technical Architecture

Developed in C#.Net, Asp.Net, Ajax using Sql Server 2005
URL:<http://www.quaffee.co.za/onlineordersystem/orders.aspx>