**SUKALYAN GORAI**

**Summary:**

8+ years of complete software development life cycle experience for N-tier web based applications and window based client server desktop applications primarily using ASP.NET 4.0/3.5/3.0/2.0/1.1, C#, VB.NET, WinForms, IIS, JavaScript, AJAX, XML on Windows platforms with SQL SERVER 2000/2005/2008, Oracle 9i/10g databases.

* Solid understanding of OOP, Object Oriented Analysis and Design (OOD), and RDBMS concepts.
* Expertise in developing solutions using the Agile Scrum, Waterfall Software development models.
* Hands on experience on MVC, WCF, LINQ on .NET 4.0 Framework.
* Extensive working experience with XML Web Services (SOAP, WSDL, DISCO, UDDI)
* Extensively used design patterns like Facade, Singleton, Factory, MVC, MVP.
* Hands on experience on administering IIS (6.0/5.0) Web Servers, Web Farms, Windows 2000/2003, and Active Directory.
* Proficient in HTML, DHTML, CSS, XML, XSL, XSLT.
* Expertise on using front-end tools Visual Studio.NET 2003/2005/2008.
* Strong exposure to JavaScript libraries such as JQuery.
* Hands-on experience with database including MS SQL SERVER 2005/2000 and Oracle, PL/SQL involving complex SQL Queries, Stored Procedures, Triggers, Cursors, T-SQL Enhancements(CTE, XML, Try/Catch), views, Imports and exports of data, data migration using DTS & SQL SERVER Integration Services (SSIS) Packages.
* Experienced in using Source Controls such as Visual SourceSafe (VSS), Team Foundation Server (TFS) 2005/2008 and third party tools like NUnit, NAnt, and Cruise Control.
* Domain knowledge of **Finance, Mortgage, Healthcare, Travel, B2B and B2C**.

**Technical Skills:**

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| --- | --- |
| Languages: | C#, VB.NET, VC++ |
| Technologies: | WCF, ASP.NET 4.0/3.5/3.0/2.0/1.1, ADO.NET, AJAX, Web Services, HTML, DHTML, CSS, XML , XSLT, TSQL, PL/SQL, MVC4 |
| Scripting Languages: | JavaScript, VBScript, JQuery |
| IDEs: | Visual Studio 2010/08/05/03 |
| Version Control Tools: | TFS, VSS, CruiseControl, SVN Tortoise |
| Tools: | MS Visio 2007, DAL, Exception & Loging Framework, Caching and Cryptograpic block. Crystal Reports, SSIS, Informatica, Fx-Cop and Entity Framework |
| Databases: | SQL SERVER 2005/2008/2010, Oracle 9i/10g, Sybase, MS Access |
| Operating Systems: | Windows 98/2000/XP/Vista/7, Unix |
| Unit Testing | N-Unit / N-Coverage, Team System Unit Testing and Sellenium. |
| Miscellaneous: | MS Office Suite (Access, Excel, InfoPath, PowerPoint, Word) |

**Certification:**

* Certified Web Applications Development with Microsoft® .NET Framework 4. (MCPID : 8251144)
* ITIL® version 3 Foundation Examination

**Project Management Skill:**

**Project Management:**

* Managing requirement gathering, system analysis and finalisation of functional spec, technical spec, high level design documents for the project, performing informal risk analysis.
* Leading team members; allocating task among team members and recruiting resources and guiding team members during all phases of the project execution till final delivery.

SDLC Planning & Management:

* Preparing and managing the technical specifications in sync with functional specifications.
* Managing smoother implementation and testing of the developed applications at client location.
* Provide post-implementation, enhancement and maintenance support to client for application.

Team Management:

* Leading, mentoring & monitoring the performance of team members to ensure efficiency in process operations and meeting of individual & group targets.
* Creating and sustaining a dynamic environment that fosters development opportunities and motivates high performance amongst Team members.

**Education:**

* **Master of Computer Applications from Bharati Vidyapeeth’s IMED, Pune, India**

**Experiance:**

**Dell Services Oct 2007 – Date**

**Software Development Advisor**

**Major Projects Undertaken**

**Clinical Quality Applications, Tenet**

**eCare** has been designed to support **Tenet**’s Commitment to Quality initiative. This interactive tool provides health care practitioners with the resources they need to document, track, and analyze patient information.

**RightBed** – **Tenet** Bed Tracking is a web application designed to assist with the bed control workflows and quality reporting needs of Tenet hospitals. The application tracks the patient location during their hospital stay and supplies data for calculation of the Continuum of Care (COC) metrics for patient throughput. Various timestamps captured by system during the discharge and EVS processes provide information about timeliness of patient throughput and nursing unit compliance with RightBed workflows. 

**Responsibilities:**

* Responsible for managing the Development, maintenance and support (24X7) to achieved the highest level of customer (end user) acceptance and satisfaction within Service Level Agreements (SLA) and managed a team of 7 associates.
* Used Visual Studio 2010 to Design and Implement User Interface Layer.
* Implemented MVC Architecture using MVC4 with POCO to separate the business logic and data of the application from the presentation.
* Extensively used Entity Framework and data objects for consistent access to SQL SERVER 2010 data sources.
* Written LINQ to SQL queries for reading the data from SQL data sources.
* Developed the classes and interfaces by using C# to achieve different functionality.
* Extensively worked with JQuery for UI related functionality.
* Consumed WCF Services & Web Services (WSDL, UDDI and SOAP protocols).
* Collaborated with other team leaders and department managers on projects and provided solutions by root cause analysis and provided technical support to the Helpdesk.
* Interacted effectively with end users at all levels of the organization and ensured high quality customer service.

**Environment: .Net 2.0/4.0, MVC4, JQuery, SQL SERVER 2005/2008/2010, WCF, Entity Framework, Linq, Team Foundation Server, Web Services, Windows Server 2003, NUnits, Visio**

**Internal Interfaces, PHH Mortgage**

This project covers following functionalities in three parts (Internal, External and Additional Interfaces), Conversion of leads to loans, PMI calls and support, loading of data into SAP systems for auditing and reporting, Loan funding applications, Title and appraisal ordering applications, Flood cert call applications.

**Responsibilities:**

* Responsible for managing the Development, maintenance and support (24X7) to achieved the highest level of customer (end user) acceptance and satisfaction within Service Level Agreements (SLA) and managed a team of 5 associates.
* Worked with offshore team for coordinating development activities of CRs and new applications.
* Created Reference Diagrams, Technical Spec, Traceability Matrix, RMP, Knowledgebase and KT documents
* Created Project Plan, Cost Estimation, Resource Estimation & projected delivery timelines.
* Performed Information gathering and prepared business requirement specification, user acceptance test plans.
* Transformed business requirements into technical requirements and Involved in writing and preparing the Developer Specification documents.
* Prepared System Design documents, Class Diagrams, Sequence Diagrams, use-case documents using UML & MS Visio 2007.
* Implemented MVC Architecture to separate the business logic and data of the application from the presentation.
* Designed and developed Service Layer, Entity Manager Layer, Business Logic Layer and Data Access Layer.
* Implemented OOP Concepts and Design Patterns like Factory method, Singleton, Façade.
* Used C#.NET, data grids and XML to pull the data from the database and display it on the UI.
* Extensively used ADO.NET and data objects such as Dataset, Data Adapter and XML Text Reader/Writer for consistent access to SQL SERVER 2005 data sources.
* Developed the classes and interfaces by using C#.NET to achieve different functionality.
* Implemented Enterprise Library Validation Application block for validating business objects.
* Designed database in SQL SERVER including relations, tables and views.
* Written complex SQL queries with Joins on multiple tables, Stored Procedures, Triggers, Backup and Restore Database, Define roles and Create database users.
* Developed SQL SERVER Integration Services (SSIS) packages in the SQL SERVER 2008
* Extensively used Application and page level tracing to trace and debug the code.
* Used Log4Net for exception handling and logging the errors.
* Involved in Unit testing using Unit testing, debugging and problem solving and used Reflection Technique for writing test cases for unit testing.  
  Used Quality Center for test script creation, script execution & defect tracking.
* Performed Code Reviews to enforce the project coding standards.
* Kept the project manager and the product committee informed of the task accomplishment, issues and status.

**Environment: .Net4.0, MVC, JQuery, VC++, SSIS, Informatica, Web Services, SQL SERVER 2008, Oracle 9.0, Sybase, Mercator, Test Director.**

**Corporate Control Product, Travelex**

Travelex Corporate Control is a web based application supporting network branded Prepaid Cards for various services including compensation, crew and payroll. This application covers following functionalities for three modules (Compensation, Payroll and Crew Card). Corporate Control supports user roles based access. Above mentioned functionality will be accessed based on the user roles.

**Responsibilities:**

* Worked in United Kingdom in multi vendor environment.
* Adopted **Agile-Scrum** Software Development Methodology and **Test Driven** approach
* Performed functional requirement analysis and was involved in system design.
* Extensively used OOP concepts in implementing the project for code reusability.
* Involved in all the phases of the Project Life Cycle, N-tier Architecture.
* Developed Business and Data tier using ASP.NET, C#.NET, ADO.NET.
* Used ADO.NET extensively for data retrieving, querying, storage and manipulation.
* Configured global.asax and web.config for setting the Application and Session variables.
* Implemented Ajax on controls using JavaScript & XmlHttpRequest object
* Implemented Forms-based Authentication to authenticate the users.
* Developed Web forms, Web Services using C#.NET and ASP.NET.
* Involved in the development of Business Logic Layer and Data Access Layer in C#.NET.
* Used .NET Validation Controls for client side validations and server side validations.
* Developed SQL stored procedures for data manipulation and querying data from SQL SERVER database.
* Used XmlDocument, XmlReader, XmlWriter and XmlPathNavigator extensively to access XML Data
* Involved in Normalization of the database and created queries to interact with the database.
* Written stored procedures, Triggers, T-SQL queries in SQL SERVER.
* Involved in designing UML and documentation of flows, class and functional diagrams using Visio 2000.
* Used Team Foundation Server TFS for Version Control and used NAnt and MS Build for creating builds.
* Performed unit testing using **NUnit** and **Selenium** on every new version before sending it for User Acceptance Test.

**Environment:** .**Net IDE 2008, jQuery, 2010, ASP.Net, C#.Net, Web Services, Windows Services, SQL Server 2005, Web Services, Selenium, Entity Framework, Linq, NUnits, Team Foundation Server.**

**Hit Rate Service, Global Refund**

Global Refund Dynamic Currency Conversion (DCC) service is an added value service that makes international traveller’s life easier while providing new revenue sources to merchants and acquiring partners. The service allows them to pay for goods and services in their card currency, when using a card issued by Visa, MasterCard and/or Maestro. The Hit Rate service enable the management and sales to monitor the performance of merchant/currency/GR Company daily or on certain period. It also enables the Commission Platform to get the proper Hit rate value for Commission Calculation.

**Responsibilities:**

* Worked in Singapore in multi vendor environment.
* Used Visual Studio 2008/2005 to Design and Implement User Interface Layer with ASP.NET 3.0 Web Forms.
* Implemented MVP Architecture to separate the business logic and data of the application from the presentation.
* Created ASP.NET web pages, Used Telerik controls, used CSS files, performed excessive HTML formatting, and used Master pages for the uniform and rich graphic UI on the web pages.
* Implemented Server side and Client side validation modules using Validation Controls and JavaScript.
* Extensively used ADO.NET and data objects such as Dataset, Data Adapter and XML Text Reader/Writer for consistent access to SQL SERVER 2005 data sources.
* Written LINQ to SQL & XML queries for reading the data from SQL & XML data sources.
* Developed the classes and interfaces by using C# to achieve different functionality.
* Extensively worked with XML, XSLT and Created XML schemas for XML validations.
* Provided the client with customized, dynamic reports of their transactions by making use of Crystal Reports 10.
* Used SSIS in the SQL SERVER 2005 for the research data migration.
* Used SVN Tortoise for the Source Control management.
* Consumed WCF Services & Web Services (WSDL, UDDI and SOAP protocols) to retrieve current activity of the files.
* Interacted effectively with end users at all levels of the organization and ensured high quality customer service.

**Environment:**  **C#, .net 3.5, SQL Server 2008, WCF, NHibernate, Linq, NUnits, SVN Tortoise, Windows Server 2008, Tibco**

**EGIT b2c, Emirates Airways**

B2C is the web services framework of the EKTours site through which the bookings of Emirates Tours are done. The business objective for the B2C system is providing a web site facing the customers, who do their travel arrangements with EK Tours, thereby giving the ability to sell 24\*7. It is based on SOA and queries the data from the database, MARS or mellow depending upon the incoming request. It facilitates Price Check, Quotation & Quotation amendment and Booking.

**Responsibilities**

* **Worked in Dubai in multi-vendor environment**
* Interact with client and gather User Requirements.
* Acted as an overall technical lead to design reusable components, fine-tune code, optimize applications performance
* Designed reusable class libraries using C# to create basic building blocks for the application, minimizing run-time executable size, providing central locations for common functionalities.
* Used VSS for source repository and version control.
* Implemented secured SOAP based XML Web Services extensively to implement the business logic layer.
* Design and develop the GUI, Business Logic Layer and Data Access Layer.
* Developed the Web forms for creating various portfolios using ASP.NET, C#.NET, XML, Java script.
* Used Creational Design Patterns like Factory Method and Singleton
* Used C#.NET, data grids and XML to pull the data from the database and display it on the UI.
* Designed database in PL/SQL including relations, tables and views.
* Written complex PL/SQL queries with Joins on multiple tables, Stored Procedures, Triggers, Backup and Restore Database, Define roles and Create database users
* Used PL/SQL Exceptions and Optimistic Concurrency Control for Handling Data Errors.
* Implemented the Data Access application block for interacting with Database.
* Implement Role Based security with Form Based Authentication.
* Extensively used Application and page level tracing feature of .NET to trace and debug the code.
* Implemented the Exception Application block for Exception Handling.
* Decided all the Security Concern (IIS Security, Web application security and Database Security) needs to be taken during application development.
* Involved in unit testing, fixing bugs and maintenance of the product.

**Environment: .Net 2.0, VB.Net, ASP.Net, ADO.Net, XML, Web Services, SQL 2005 and Win 2003**

**Fidelity National Information Services India Ltd July 2006 – Oct 2007**

**Software Engineer**

**Major Projects Undertaken**

**ServiceView**

ServiceView is a product developed for the credit card companies providing all the necessary functionalities. ServiceView was originally developed in Delphi as a stand-alone desktop application. The application interacts with a Mainframe server through a web service. It implements View-Presenter pattern so that the application can be ported to a SmartClient/WPF version with a minimal development effort.

**Responsibilities:**

* Created and managed the Technical spec document in sync with FS changes.
* Designed various UI pages and developed various business components
* Designed UI based logging mechanism for client side debugging, audit trail for reporting purposes.
* Involved in the development of the framework which includes wrapper classes for all the major shared functionalities like logging, exception handling, sessions, etc.
* Used TFS for source repository and version control.
* Used ADO.NET to connect and access the database and also used different validation controls such as the Regular Expression Validator, Range Validator, Custom Validator and Required Field Validator.
* ASP.NET using C#.NET as a code-behind language and Incorporating JavaScript and Server-Side Control such as Data Grid, Data Reader, Dataset, Calendar for client-side validations.
* Extensively used features provided by SQL SERVER 2005 to create tables, stored procedures, queries, integrity constraints and rules.
* Deployed web-services using WSDL, UDDI and SOAP to handle online transactions with central database, Web Service with a Simple Object Access Protocol (SOAP) API to add the functionality of Customer Reports in current business application.

**Environment: .Net 2.0, C#, ASP.Net, ADO.Net, Web Services, SQL 2005, VSTS 2005 and Win 2003**

**Evalueserve.com Pvt. Ltd Feb 2006 - June 2006**

**Software Engineer**

**DBExtranetDC**

This project deals basically with the management of projects and resources of Deutsche Bank, a major banking organization with worldwide representation .The project basically deals with the allocation, billing and management of manpower to the various projects which are being done in the organization.

**Responsibilities:**

* Authoring technical specs based on the requirements documented by business analyst
* Designed and developed Custom Controls for application
* Used Microsoft Application Blocks for Data Access and Exception Handling
* Extensive use of validation controls for Client side validations in application.
* Cascading Style Sheets (CSS) were used in order to ease the client side web development process.
* Used Visual Source Safe for Configuration Management and Version Tracking
* Involved in all testing stages (Unit Testing, Integration Testing, System Testing & UAT), fixing defects and implementing enhancements

**Environment: .Net 2.0, C#, Win Forms, ADO.Net, XML, Web Services, SQL 2000 and Win 2000**

**Hughes Escorts Communication Ltd Nov 2005 – Feb 2006**

**Software Consultant**

**Project: Integrated CRM MIDAS - Management Information and Data Access System**

This project is basically the integration of all the processes in an organization such as marketing, sales and distribution, administration, human resources, finance, customer care and all the other aspects of an organization. Midas is basically designed to integrate with SAP and create a fusion with it.

**Responsibilities:**

* Responsible for writing various user controls using **Vb.net**. These user controls were reused within the application, to provide consistent functionalities, look and feel to the end-users.
* Customizing existing Web forms and business components implementations based on CR’s
* Developed T-SQL queries and complex stored procedures for few modules.

**Environment: .Net 1.1, Vb.Net, SQL 2000 and VSS**

**SnM Info Solutions Pvt. Ltd Dec 2004 – Oct2005**

**Software Engineer**

**Bespoke Resource Management System**

This project manages the complete data and resources of Garment Technology Expo, a New Delhi based firm that organizes trade fairs in all over the globe. This software manages the client’s database, accounts, courier handling and all other related services. This package is optimized to be fully operational in a LAN environment including its reporting part.

**Responsibilities:**

* Designed UI for Customer Profile and Membership modules using ASP.NET Web Forms.
* Implemented robust exception handler classes for providing meaningful information to the user which could provide short or details error details based on configuration settings.
* Used Resources for the localization of strings for different languages.
* Creating various user controls to provide consistent functionalities across application, consistent UI look and feel.
* Fixing defects and managing change requirements based on functional requirements
* Used CSS for client side control UI formatting and providing same look and feel through out the application.

**Environment: .Net 1.1, C#, ASP.Net, ADO.Net , SQL 2000**